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Korean Waste Management Law, Presidential Decree No. 13480, and Prime Minister Order No. 397

by
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A 1989 General Accounting Office survey indicated that no U.S. Army installations had acquired a complete library of Republic of Korea (ROK) hazardous waste regulations. Since the Korean Waste Management Law is the primary law governing the Eighth U.S. Army (EUSA) hazardous waste management program, the EUSA Environmental Program Office (EPO) tasked the U.S. Army Construction Engineering Research Laboratory to translate the Korean Waste Management Law and attendant documents into English.

This special report contains English translations of: (1) the Korean Waste Management Law, (2) Korean Presidential Decree No. 13480, (3) Korean Prime Minister Order No. 397, and (4) Korean government forms for documentation of waste disposal. These translations will help USFK environmental managers to formulate a hazardous waste management program that recognizes and adheres to host country regulations.

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Foreword

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The Korean Waste Management Law

Law No. 4363

Full Text Revision 8 March 1991

1. General Provisions of the Law

Article 1. (Purpose)

The purpose of this Law is to preserve the natural and human environment and to encourage the reuse of waste through appropriate disposal of waste, and therefore to improve public living quality and to protect the environment.

Article 2. (Definition)

The terms used in this Law shall be defined as follows:

1. "Waste" refers to substances unnecessary for residential, commercial, and industrial activities such as refuse, ashes, sludge, waste oil, waste acid and alkali, and carcasses.

2. "Domestic waste" refers to any waste except "Special waste."

3. "Special waste" refers to sludge, waste oil, waste acid and alkali, waste rubber, and waste synthetic resins produced as a result of industrial and commercial activities. The Presidential Decree specifies these substances as detrimental to the environment and public health.

4. "Disposal" refers to intermediate treatment such as by incineration, neutralization, shredding, solidification and final treatment such as by landfill or discharge into ocean.

5. "Waste treatment disposal facility" refers to domestic waste treatment and special waste treatment facilities.

6. "Domestic waste disposal facility" refers to any facility where domestic waste is treated in a safe manner by the processes of incineration, shredding, or landfill, as specified by the Presidential Decree.

7. "Special waste disposal facility" refers to any facility where special waste is treated in a safe manner by the processes of incineration, shredding, neutralization, solidification, or landfill, as specified by the Presidential Decree.

8. "Reuse" refers to reproduction and recycling of waste.

Article 3. (Limitation of Application)

1. The stipulations of this Law shall not be applied to radioactive waste or substances that are contaminated by radioactivity and medical waste (which is regulated by Medical Law), wastewater (which is regulated by the Law for the Disposal of Wastewater), human excreta, and livestock wastewater.

2. The stipulation of this Law for waste disposal by discharge into ocean follows the Marine Pollution Prevention Law.

Article 4. (Duties of National and Local Government)

1. The Mayors of cities, County heads, and Ward heads (heads of wards under municipalities; hereinafter referred as same) shall construct domestic waste disposal facilities, and operate and maintain them efficiently by improving collection, transportation, and operation methods of domestic waste, and by improving the quality of workers. They shall also endeavor to cultivate public awareness of the need for a clean environment.

2. The Mayor of the special city of Seoul, the Mayors of the cities under direct control of the national government (Pusan, Inchon, Kwangju, Taejun, Taegu), and the Governors of provinces (hereinafter referred to as "Mayors/Governors") shall provide necessary technical and financial assistance to the Mayors, County heads, and Ward heads to adequately perform the duties mentioned in Article 4.1, and coordinate the domestic waste works in the provinces.

3. The National Government shall collect the information on the amounts of special waste generation and disposal, and also take necessary actions to dispose of special waste properly.

4. The National Government shall support technical research and development on waste disposal, provide necessary technical and financial assistance to Mayors/Governors, Mayors, County heads, and Ward heads, to enable them to perform duties described in Article 4.1 and 4.2. The National Government shall also coordinate the waste disposal works among the special city of Seoul, the cities under direct control of the national government, and provinces (hereinafter referred to as "Cities/Provinces").

Article 5. (Regional Management for Domestic Waste)

1. The Heads of local governments are entitled to jointly provide and maintain a regional domestic waste treatment facility, in cases where more than two cities/counties/wards need to regionally treat domestic waste.

2. The Heads of local government are entitled to entrust the responsibility for providing or managing a regional domestic waste treatment facility, as specified in Article 5 1, to a person stipulated in the Prime Minister Order.

Article 6. (Duties of Citizens)

1. All citizens shall endeavor to preserve a clean natural and living environment, to minimize waste and recover resources.

2. Land or building owners, occupants, or caretakers shall endeavor to maintain land or buildings in their possession clean, and to implement cleaning in accordance with the schedule that the Mayors of cities, County heads, and Ward heads determine.

3. The caretakers of the areas or facilities specified in Article 7 shall endeavor to keep those areas and facilities clean.

Article 7. (Prohibition of Waste Open Dumping)

No one shall dump waste in cultural areas, parks, squares, camping areas, public beaches, roads, harbors, fishery ports, sewer systems, rivers, lakes, forests, or other areas or facilities prescribed by the Presidential Decree without justifiable reasons.

Article 8. (Master Plan for Waste Disposal)

1. Mayors/Governors shall set forth a master plan on waste disposal in the areas of their jurisdiction in accordance with the guidelines set by the Minister of Environment, to be approved by the Minister of Environment. Any modification to an approved disposal plan requires the same approval. When the Minister of Environment approves the master plan or its modification, it shall consult with heads of the National Government agencies concerned.

2. Mayors of cities, County heads, and Ward heads shall set forth a master plan on domestic waste disposal in the areas of their jurisdiction and submit it to the Mayors/Governors concerned.

3. The Minister of Environment shall establish a national master plan for waste disposal based on the plans of domestic waste disposal by cities/provinces described in Article 8.1, which addresses the quantities of special waste that may be produced and areas where special waste may be produced, and inspection data for proper construction of disposal facilities.

4. Necessary matters for establishing a master plan for waste disposal pursuant to Article 8.1 and 8.2 shall be stipulated in the Prime Minister Order.

Article 9. (Deciding on a Waste Disposal Facility Construction Plan and Its Announcement)

The Minister of Environment or Mayors/Governors shall decide on the waste disposal facility construction plan, which specifies location, scale, size, construction period, and construction agency based on a comprehensive waste disposal plan specified in Article 8.3. They shall announce the plan in the official gazette or in the official bulletins of cities/provinces stipulated in the Prime Minister Order and make the plan available for public review. Any modification of the plan requires the same procedures.

Article 10. (Expropriation and Use of Lands)

1. The Minister of Environment or Mayors/Governors are entitled to expropriate or to use the land, buildings, objects lodged in that land, or rights for the land, buildings, and objects, except the right of ownership, when these are necessary to construct a waste disposal facility stipulated in the waste disposal facility construction plan described in Article 9.

2. The Compulsory Purchase of Land Law is applied to expropriation and use as stipulated in Article 10.1, except where the Law prescribes special stipulations.

3. In cases involving the application of the Compulsory Purchase of Land Law stipulated in Article 10.2, decisions or modifications of the waste disposal facility construction plan are regarded as business approval stipulated in Article 14, judgment requests shall be provided within 2 years after the date of decision or modification of the waste disposal facility construction plan disregarding the stipulations in Article 17 and 25.2 of this Law.

Article 11. (Standard Test Method of Waste)

The Minister of Environment shall provide and notify standard testing methods for waste to ensure accuracy and standardization of analyses. The tests will provide constituents of waste and extraction of pollutants as basic data necessary for hazard analysis and screening of waste disposal alternatives.

2. Collection, Transportation, Disposal of Waste

Section 1. Domestic Waste

Article 12. (Domestic Waste Control Areas)

Domestic waste control areas are defined as the whole country. However, the areas designated by the Mayors of cities, County heads, and Ward heads (hereinafter referred to as "Mayors/County and Ward heads") may be excluded from the domestic waste control areas.

Article 13. (Domestic Waste Treatment, etc.)

1. Mayors/County and Ward heads shall collect, transport, and dispose of domestic waste discharged from the domestic waste control areas of their jurisdiction.

2. Pursuant to Article 17, Mayors/County and Ward heads are entitled to have disposal contractors collect, transport, and dispose of domestic waste stipulated in Article 13.1, as prescribed by the regulations of municipalities concerned.

3. Mayors/County and Ward heads shall collect, transport, and dispose of domestic waste, as prescribed by the standards and methods of the Prime Minister order. Pursuant to Article 13.2, it requires the same procedures where domestic waste disposal contractors undertake the work.

4. Mayors/County and Ward heads are entitled to charge a fee, prescribed by the municipalities' regulations for domestic waste collection, transportation, or disposal.

Article 14. (Large Volume Domestic Waste Disposal)

1. A larger volume domestic waste generator (hereinafter referred to as "a large volume waste generator") that conducts business activities discharging more than the volume specified in the Presidential Decree shall report descriptions and generating volume of relevant waste to the Mayors/County and Ward heads, as specified in the regulations of Prime Minister order.

2. A large volume waste generator shall collect, transport, and dispose of waste, as specified in the Presidential Decree.

Article 15. (Disposal Conciliated by Domestic Waste Generators, etc.)

1. Owners, occupants, or caretakers of the land or buildings generating domestic waste (hereinafter referred to as the "domestic waste generator") in domestic waste control areas shall voluntarily dispose of some domestic waste that can be easily disposed of without interfering with the preservation of the living environment, such as by incineration or landfilling.

2. The domestic waste generators shall store domestic waste that cannot be disposed of easily, as stipulated in Article 15.1, and in accordance with the regulations of cities, counties, and wards. The waste shall be stored separately by kind and characteristics.

Article 16. (Construction of Domestic Waste Storage Facilities)

1. As prescribed by the municipalities' regulations, Mayors/County and Ward heads are entitled to have domestic waste generators construct domestic waste storage facilities or receptacles by the standard specified in the Prime Minister Order.

2. Mayors/County and Ward heads are entitled to order improvements and changes, or to address other necessary actions to domestic waste generators for a specified period prescribed in the Prime Minister Order when it is judged that storage facilities or receptacles constructed by domestic waste generators are not in compliance with the standards set forth in Article 16.1.

Article 17. (Domestic Waste Disposal Service)

1. Anyone who intends to undertake collection, transportation, or disposal of domestic waste as a business (hereinafter referred to as a "domestic waste disposal service") shall comply with the requirements for facilities, equipment, and technical abilities specified by the Prime Minister Order before Mayors/Governors may grant a permit for that type of business. A permit is also required when some important permitted items specified by the Prime Minister order are changed.

2. The classification and description of domestic waste disposal services are as follows:

1) Domestic waste collection/transportation business: Any business that collects domestic waste and transports it to disposal sites

2) Domestic waste intermediate disposal business: Any business that disposes of domestic waste by means of incineration or shredding at its own domestic waste disposal facilities before final disposal

3) Domestic waste final disposal business: Any business that finally disposes of domestic waste by means of landfill or discharge into the ocean at its own facilities

3. Mayors/Governors are entitled to limit business areas or add necessary conditions to permission pursuant to Article 17.1.

4. The permitted businessman pursuant to Article 17.1 (hereinafter referred to as the "disposal contractor of domestic waste") shall not charge a disposal fee in excess of the standards stipulated by the city/province's regulation.

Article 18. (Disqualification)

Anyone who falls under one of the following categories shall not be permitted:

1) An incompetent or a quasi-incompetent

2) A bankrupt who has not reinstated

3) Anyone who has been sentenced to an imprisonment due to violation of this law, who has either not served the full term, or who was given a suspension of sentence, less than 2 years before.

4) Anyone whose permit of disposal contractor of domestic waste has been canceled less than 2 years before.

5) Any corporation whose executive(s) falls under one of the previous categories.

Article 19. (Cancellation of Permit, etc.)

1. If any disposal contractor of domestic waste falls under one of the following categories, Mayors/Governors are entitled to either cancel a permit of business or order a suspension of business, in whole or in part, within 6 months from the infraction. When a contractor falls under category 1) or 2) of the following, Mayors/Governors must cancel the permit:

1) Anyone who falls under category 1), 2), 3), or 5) in Article 18

2) Anyone who has obtained a permit of business by fraudulent or unlawful means

3) Anyone who fails to start a business within 1 year after gaining permission, or suspends the business for more than 1 year without justifiable reason

4) Anyone who cannot meet the permit standards specified in Article 17.1

5) Anyone who violates the Law or any orders pursuant to this Law

2. When Mayors/Governors intend to cancel a permit of business from a disposal contractor of domestic waste due to category 5) of Article 18, they shall allow more than 6 months for changing the executive(s).

Article 20. (Construction, Operation, and Management of Domestic Waste Treatment Facility)

1. Domestic waste treatment facilities shall be constructed in compliance with the construction standards stipulated in the Prime Minister order.

2. Anyone who intends to construct a domestic waste disposal facility (cases of construction by anyone who intends to get permission of domestic waste disposal service stipulated in Article 17.1 and 2, who has a permit are excluded) shall obtain

an approval of the Minister of Environment regulated in the Prime Minister Order. A permit is also required when some important permitted items specified by the Prime Minister Order are changed.

3. The builders of domestic waste treatment facilities shall report to the Minister of Environment specified by the Prime Minister Order when they intend to start using those facilities after completion of construction.

4. The builders or managers of domestic waste treatment facilities shall operate and maintain the facilities by the maintenance standards specified in the Prime Minister Order.

5. In cases where the construction, operation, and management of domestic waste treatment facilities are not appropriate in accordance with the standards for construction and management specified in Article 20.4, the Minister of Environment is entitled to order the builders or managers to improve the facility or suspend business during certain periods as stipulated by the Prime Minister Order.

6. The Minister of Environment is entitled to order a closedown of the facility, when an order for improvement of facility or suspension of business by the stipulation of Article 19.5 has been received but not executed, or when it is deemed that the execution of an order is impossible.

Article 21. (Design and Construction of a Business for Domestic Waste Disposal Facilities)

1. Only those registered designers and builders stipulated in Article 21.3 (hereinafter referred to as "designers and builders") are entitled to design and construct domestic waste disposal facilities. However, designers and builders in one of the following categories are excluded if they have obtained a permit of business from the Minister of Environment pursuant to the stipulation of the Prime Minister Order:

1) A business owner who constructs a domestic waste treatment facility to dispose of domestic waste discharged from his own business

2) In cases involving research into waste disposal

3) In other cases stipulated in the Prime Minister Order.

2. For the exclusions in Article 21.1, the Minister of Environment may appoint a qualified person, specified in the Prime Minister Order, as a construction supervisor.

3. Anyone who intends to design and construct a domestic waste disposal facility as a business shall register his business with the Minister of Environment. In such cases, the businessman shall fulfill the requisites for facilities, equipment, and technical abilities as stipulated in the Prime Minister Order. The same shall be applied to change the important registered items stipulated in the Prime Minister Order.

4. The stipulation in Article 18 is applied to the registration of design and construction business pursuant to Article 21.3.

Article 22. (Cancellation of Registration, etc.)

1. Where any designer or builder falls under one of the following categories, the Minister of Environment is entitled to either cancel a registration of business or order a suspension of business, in whole or in part, within 6 months from the time of infraction. When a designer or builder falls under category 1) or 2), the Minister of Environment must cancel the registration of business.

1) In the case where category 1), 2), 3), or 5) in Article 18 is applied pursuant to Article 21.4

2) Anyone who registers business by fraudulent or unlawful means

3) Anyone who fails to start business within 1 year after registration, or who suspends the business continually more than 1 year without justifiable reason

4) Anyone who cannot meet the standards specified in Article 21.3

5) Anyone who rents or leases his registration certificate to any other person

6) Anyone who either performs an unreliable design or construction work or subcontracts the whole construction work to other builders.

7) Anyone who violates the Law or any orders pursuant to this Law.

2. The stipulation in Article 19.2 is applied to the cancellation of registration or suspension of business prescribed in category 1) of Article 22.1.

Article 23. (Continuation of Construction Work by a Designer or Builder Whose Registration is Canceled or Whose Business is Suspended)

1. Anyone whose business registration is canceled or whose business is suspended by Article 22 may continue to conduct business only for the construction work under the contract to be executed prior to the cancellation or suspension. In this case, the Minister of Environment is entitled to designate a qualified person, stipulated in the Prime Minister Order, as a reviewer to control and supervise the construction work concerned.

2. Anyone who conducts the design or construction pursuant to the Article 23.1 shall be considered a designer or builder stipulated in this Law until the completion of the construction work concerned.

Section 2. Special Waste

Article 24. (Duties of Special Waste Generators, etc.)

1. Any businessman producing special waste (hereinafter referred to as "special waste generator") shall be required to take the following actions:

1) To dispose appropriately of special waste resulting from business activities

2) To reduce the amount of special waste generated from the production lines as much as the businessman can by means of technical improvement and recycling

2. Special waste generators shall report to the Minister of Environment in compliance with the stipulation of the Prime Minister Order.

3. Special waste generators shall keep books and record the generation volume, the recycling state, and treatment results of specific waste. The record shall be kept for 5 years from the date of final recording, as stipulated in the Prime Minister Order.

Article 25. (Disposal of Special Waste)

1. Special waste generators shall dispose of special waste generated from their places of business by themselves or shall entrust the following parties for disposal of their special waste:

1) Anyone who has obtained a license with respect to the provisions of Article 26.1 (hereinafter referred to as "disposal contractor of special waste")

2) Anyone who disposes of another's special waste for the purpose of recycling pursuant to the stipulation of Article 31

3) Anyone who has constructed or operated special waste disposal facilities as stipulated in the Article 25.2.

2. The National Government or any other person stipulated in the Prime Minister Order is entitled to construct and operate regional special waste disposal facilities (hereinafter referred to as "public disposal facilities"). The person who constructs or operates the public disposal facility is regarded as having a permit of a special waste disposal service stipulated in the Article 26.1.

3. A trust fee and other necessary matters for an entrusted disposal of public special waste disposal facilities pursuant to Article 25.2 shall be stipulated by the Prime Minister Order.

4. Anyone who produces special waste shall segregate domestic and special wastes and keep, collect, transport, and dispose of special waste in compliance with the standards and methods stipulated in the Prime Minister Order. The case of an entrusted disposal by special waste disposal contractors etc. specified in the Article 25.1 or 25.2 requires the same procedures.

5. Where the collection, transportation, or disposal of special waste by the disposal contractors of special waste are not appropriate according to the standards in Article 25.4, the Minister of Environment is entitled to order the contractor of special waste disposal to modify processes for collection, transportation, or disposal, or to take other necessary measures during the designated period as stipulated by the Prime Minister Order.

Article 26. (Special Waste Disposal Service)

1. Anyone who intends to undertake collection, transportation, or disposal of special waste as a business (hereinafter referred to as "special waste disposal service") shall obtain a permit for each type of business from the Minister of Environment. When applying for a permit, the handler shall fulfill all requisites for facilities, equipment, and technical abilities according to the standards specified in the Prime Minister Order. The same is applied when some important permitted items specified by the Prime Minister Order are changed.

2. The classification and description of special waste disposal services are as follows:

1) Special waste collection/transportation business: Any business that collects special waste and transports it to disposal sites

2) Special waste intermediate treatment business: Any business that disposes of specific waste by incineration, neutralization, shredding, or solidification at its own special waste treatment facilities before final treatment

3) Special waste final treatment business: Any business that finally treats and disposes of special waste at its own facilities by landfill or discharge into a sea.

3. The Minister of Environment may limit business areas or add necessary conditions to permission pursuant to Article 26.1.

4. The Minister of Environment may limit a permit stipulated in the Article 26.1 after consideration of the amount of special waste generated and the regional distribution of special waste disposal contractors.

5. The stipulations prescribed in Articles 18 and 19 shall be applied to permission and cancellation of a permit stipulated in the Article 26.1.

Article 27. (Report on Transportation and Disposal of Special Waste)

Any contractor who transports or disposes of special waste shall report the details related to the transportation or disposal to the Minister of Environment in compliance with the stipulation in the Prime Minister Order.

Article 28. (Construction, Operation, and Management of Special Waste Treatment Facility)

1. Special waste treatment facilities shall be constructed in compliance with the construction standards stipulated in the Prime Minister Order.

2. Anyone who intends to construct a special waste treatment facility (cases of construction by anyone who intends to get permission of special waste disposal service stipulated in Article 26, and who has a permit are excluded) shall obtain an approval of the Minister of Environment regulated in the Prime Minister Order. A permit is also required when some important permitted items specified by the Prime Minister Order are changed.

3. The builders of special waste treatment facilities shall report to the Minister of Environment specified by the Prime Minister Order when they intend to start using those facilities after completion of construction.

4. The builders or managers of special waste treatment facilities shall operate and maintain the facilities by the maintenance standards specified in the Prime Minister Order.

5. Where the construction, operation, and management of special waste treatment facilities are not in accordance with the standards for construction and management specified in Article 28.1 or 28.4, the Minister of Environment is entitled to order the builders or managers to improve the facility or suspend business during certain periods as stipulated by the Prime Minister Order.

6. The Minister of Environment is entitled to order a closedown of the facility when the builder or manager who has received an order for improvement of facility or suspension of business by the stipulation of Article 28.5 does not execute an order, or when it is deemed that the execution of an order is impossible.

3. Control of Waste Generation, Reuse, etc.

Article 29. (Waste Minimization)

Waste generators shall take necessary measures to reuse waste and to improve manufacturing processes for minimizing waste generation volume.

Article 30. (National and Other Government Support)

National Government and local governments shall provide financial and technical support for building facilities or for priority purchase of reused products that minimize waste generation volume and accelerate reuse.

Article 31. (Report of Waste Reuse)

1. Anyone who intends to reuse waste for materials or raw materials (collection, transportation, or disposal of waste for the purpose of reuse are included, hereinafter as same) shall report items and methods of reuse; Anyone who intends to reuse domestic waste shall report to the Mayors/Governors and anyone who intends to reuse special waste shall report to the Minister of Environment as specified in the Prime Minister Order.

2. Anyone who intends to reuse waste as specified in the Prime Minister Order, including those who have reported by the stipulation in the Article 31.1, shall properly equip their facilities, equipment, and technical abilities.

Article 32. (Reclaim of Waste)

1. Where the materials, receptacles, or products used for manufacturing, processing, importing, or marketing become waste, the businessman shall facilitate collection and disposal of the waste from manufacturing, processing, importing, or marketing products.

2. Where the products, materials, or receptacles specified in Article 32.1 contain substances specified in the Prime Minister Order, including air pollutants, water pollutants, special air hazardous substances, special water hazardous substances, toxic substances, or special toxic substances stipulated in Article 2 of the Air Environmental Preservation Law, Article 2 of Water Environmental Preservation Law, Article 2 of Hazardous Chemical Substance Management Law; or where the products, materials, or receptacles are manufactured, processed, imported, or marketed in large quantities, the Minister of Environment or Mayors/Governors shall announce collection and appropriate treatment methods. Mayors/Governors are also entitled to order collection and other necessary measures for appropriate disposal. Mayors/Governors shall obtain pre-approval of the Minister of Environment in advance when they notify or order necessary measures.

Article 33. (Fund Deposit for Waste Collection and Disposal)

1. When the products and receptacles stipulated in Article 32.2 become waste as specified by the Presidential Decree, the Minister of Environment is entitled to have manufacturers or importers make an annual deposit for collection and disposal of the waste in the waste management fund, as stipulated in Article 34.

However, in cases where a body of businessmen prepares its own fund and collects and disposes of waste, the expenditure portion for collection and disposal need not to be deposited in the waste management fund as stipulated in Article 34.

2. An expenditure of collection and disposal of waste deposited (hereinafter referred to as a "deposit") by manufacturers or importers stipulated in Article 33.1 shall be estimated based on the standards specified in the Presidential Decree. The time limit of payment, processes, and other necessary matters are specified in the Presidential Decree.

3. Where a manufacturer or importer executes a whole or partial order of action for collection and disposal of products and receptacles stipulated in Article 32.2, the Minister of Environment shall refund the amount for the executed portion based on the standard in the Presidential Decree. The timing of refund, procedures, and other necessary matters are to be specified in the Presidential Decree. When the amount of refund exceeds the amount of deposit, the balance will be paid from the waste management fund.

4. When the budget to complete collection and disposal of waste as stipulated in Article 33.1 exceeds the amount of deposit at the end of year, the Minister of

Environment shall levy the balance. The timing of payment, procedures, and other necessary matters are specified in the Presidential Decree.

5. Where the deposit or balance stipulated in Article 33.1 or 33.4 is not paid when the deposit is due, the deposit or balance shall be collected as a disposition of national taxes in arrears.

Article 34. (Waste Management Fund)

The waste management fund (hereinafter referred to as "the fund") was founded to secure a revenue source necessary for reuse and appropriate disposal of waste.

Article 35. (Establishing the Fund)

The fund is established with revenue sources from the following categories:

- 1) Deposits stipulated in Article 33.1
- 2) Loans stipulated in Article 38
- 3) Post management deposits stipulated in Article 48
- 4) Reserve funds for post management of reclaimed lands stipulated in Article 49
- 5) Earnings from the operation of the fund
- 6) Other contributions and earnings specified in the Presidential Decree.

Article 36. (Use of the Fund)

The fund shall be used for the following categories:

- 1) Purchasing and storing waste for recycling
- 2) Refund of deposits
- 3) Vicarious execution of post management of reclaimed lands

4) Construction of recycling waste facilities or development of recycling technologies

5) Other uses as specified in the Presidential Decree

Article 37. (Operation and Management of the Fund)

1. The Minister of Environment operates and manages the funds.
2. The Minister of Environment may entrust the Korean Resources Recycling Corporation with the operation and management of the fund as prescribed in the Waste Synthetic Resins Treatment Service Law.
3. The stipulation of Article 7 in the Budget Accounts Law is applied to an operation plan and settlement of accounts of the fund.

Article 38. (Loan of the Fund)

The Minister of Environment is entitled to obtain long-term or temporary loans from financial agencies or other funds when a loan is required for operation of the fund.

4. Guidance and Supervision of Waste Disposal Contractor

Article 39. (Technical Manager)

1. Anyone who constructs or operates waste disposal facilities as prescribed in the Presidential Decree shall appoint a technical manager in charge of technical works for operation and maintenance of the facilities. However, anyone who does technical management of the facilities solely, or anyone who has made a contract for the operation and maintenance of the facilities with a qualified third party stipulated in the Presidential Decree, is excluded.

2. The qualification and observance rules of a technical manager, and requirements for a vicarious execution contract for technical management, pursuant to Article 39.1, shall be stipulated by the Prime Minister Order.

Article 40. (Training for Personnel in Charge of Waste Disposal)

1. The Minister of Environment may train the technical personnel in charge of waste disposal as prescribed in the Presidential Decree to improve their quality.

2. The training requirements under the provisions of Article 40.1 shall be stipulated by the Prime Minister Order.

Article 41. (Keeping and Maintaining Records)

1. Anyone who falls under one of the following categories shall keep a record book and record the state of collection, transportation, disposal of waste (the amounts of production, import, sale and of collection, disposal of products and receptacles, in cases that fall under category 7). The records shall be kept for 5 years from the final recording date as stipulated in the Prime Minister Order.

1) A domestic waste disposal contractor as stipulated in Article 17.1

2) A builder or manager of a domestic waste disposal facility as stipulated in Article 20.2

3) A builder or operator of a public special waste disposal facility as stipulated in Article 25.2

4) A special waste disposal contractor as stipulated in Article 26.1

5) A builder or manager of a special waste disposal facility as stipulated in Article 28.2

6) A reporter as stipulated in Article 31.1

7) A manufacturer or importer as stipulated in Article 32.2 and 33.

Article 42. (Report on the Suspension and Closure of Business)

The domestic waste disposal contractor stipulated in Article 17.1, the designer or builder of domestic waste disposal facility (Article 21.3), and the special waste disposal contractor (Article 26.1) shall report the temporary closure, reopening, or closure of business to the government authority where the permit or registration was obtained as stipulated by the Prime Minister's Order.

Article 43. (Report and Inspection)

1. The Minister of Environment, Mayors/Governors, or Mayors/Heads of Counties and Wards are entitled to demand reports and presentation of necessary data of the persons concerned as specified in the Prime Minister Order, and are also entitled to require their staffs to enter the offices or places of business and inspect the related documents, facilities, and equipment.

2. The staff member who enters and inspects pursuant to Article 43.1 must carry an identification card that proves his status and must present the identification to the concerned person.

5. Supplementary Provisions

Article 44. (Import Restrictions on Waste)

The Minister of Environment may request the Minister of Commerce and Industry to restrict the import of waste when it is deemed necessary for environmental preservation.

Article 45. (Action Orders for Waste Disposal)

1. The Minister of Environment or Mayors/Governors are entitled to order those who dispose of waste or who are entrusted to dispose of waste to perform necessary actions to remove and prevent danger during certain periods, when they recognize the primary danger or possibility of danger against human environmental preservation where such cases fall under one of the following categories:

1) Where domestic waste is not disposed of in compliance with the standards of domestic waste disposal

2) Where the special waste is not disposed of in compliance with the standards of special waste disposal

2. The Minister of Environment or Mayors/Governors shall notify the recipient of the reasons for any orders for action and shall provide the recipient an opportunity to explain and submit evidence in advance of the action order as stipulated in Article 45.1. However, for a urgent case for human environmental preservation, the above rule is not applied.

Article 46. (Execution by Proxy)

1. Where the waste disposal contractor or the waste disposal trustee does not execute the action order as stipulated in Article 45.1, the Minister of Environment or Mayors/Governors are entitled to execute the order by proxy as stipulated in the Law

of Administrative Execution by Proxy and to levy the expenditure from the waste disposal contractor or the waste disposal trustee.

Article 47. (Post-Management of Waste Disposal Facilities)

1. A waste disposal facility builder who obtains a construction permit by the regulations specified in Article 20.2 and 28.2 (including a person who has a permit of domestic or special waste disposal service stipulated in Article 17 or 26), shall report the termination of business to the Minister of Environment by the stipulation of the Prime Minister Order, when he intends to terminate or close down the waste disposal facility.

2. The Minister of Environment may order the person who terminates or closes down a facility by filling up waste that is specified by the Presidential Decree among people who reported, pursuant to Article 47.1, to take necessary post-management measures, such as operation of leachate disposal facilities, as stipulated in the Prime Minister Order, to protect the health and property of residents or to prevent damage to the surrounding environment after termination of the facility.

3. Where a person who has secured post-management by deposit, as stipulated in Article 48, or a person who carries insurance that guarantees the post management, or a person who reserved a post-management deposit in advance, by the stipulations in Article 49, does not appropriately execute post management work, the Minister of Environment is entitled to order correction during a certain period. When the correction is not executed within the given period, the Minister of Environment may have a proxy specified in the Presidential Decree execute the work. The expenditure for post management will be charged to the deposit, execution guaranty insurance, or pre-reserved management deposit.

Article 48. (Post-Management Deposit for Waste Disposal Facility)

1. The Minister of Environment is entitled to order the landfill builder to deposit the whole or partial expenditure for post management in a fund to assure the execution of post management of the waste facility by the stipulations of the Presidential Decree, when the Minister of Environment recognizes that possibilities exist of danger against human health, property, or surrounding environment due to leachate after conclusion or closedown of the facilities, which require post management as stipulated in the Article 47.1. When it falls under one of the following categories, the deposit for expenditure of post management may be excluded, or the whole or

partial expenditure for post management may be replaced with the deposit as stipulated in the Presidential Decree:

- 1) Where it carries insurance that assures the post management
- 2) Where the post management deposit is reserved in advance by the stipulation of the Article 49
- 3) In other cases specified in the Presidential Decree.

2. As stipulated in Article 48.1, the deposit by the builder of a waste landfilling facility (hereinafter referred to as "post management deposit") is estimated by the standards specified in the Presidential Decree, and the timing/procedure of deposit and other necessary matters are specified in the Presidential Decree.

3. Where the post management deposit stipulated in the Article 48.2 is not paid before it is due, the deposit shall be collected as a disposition of national taxes in arrears.

4. *The Minister of Environment shall refund the post management deposit corresponding to the amount of calculated money by the standards specified in the Presidential Decree from the paid post-management deposit when the builder of a waste landfilling facility executes in whole or in part the yearly portion of the post-management work.*

Article 49. (Pre-Deposit of Post-Management Fund)

1. The Minister of Environment may have the builder of a landfill as specified in the Presidential Decree reserve the deposit in advance for post management after concluding the use or closedown of facilities as stipulated in the Presidential Decree.

2. Where the amount of pre-reserved deposit by the builder of facilities stipulated in Article 49.1 exceeds the amount of post-management deposit stipulated in Article 48.1, the Minister of Environment shall return the balance as specified in the Presidential Decree.

Article 50. (Land Use Restriction after Conclusion of Use, Closedown)

1.2. The Minister of Environment is entitled to restrict the use of land occupied by waste treatment facilities to parks, planting trees, making grassland, or constructing sports facilities during a certain period of time. Such a judgement will be made against the people who have ownership or who have the rights except ownership of lands occupied by the facilities, as stipulated by the Presidential Decree, when the Minister of Environment recognizes that possibilities of primary danger exist against human health, property, or the surrounding environment due to the leachate or loss of an embankment, when concluding use of or closing down a landfill requires post-management as stipulated in Article 48.1.

3. The Minister of Environment shall give fair compensation for the loss from the deposit in cases where people suffer losses due to the land use restriction stipulated in Article 50.1. In this case, the Minister of Environment shall negotiate the compensation with the compensation receiver.

Article 51. (Control of Waste Disposal Service)

To coordinate the waste disposal service among local governments stipulated in Article 4.2 or 4.4, the Minister of Environment and Mayors/Governors shall allow local governments to share the waste disposal facility, in the case where the joint use of a waste disposal facility, such as a landfill, is necessary. They also are entitled to ask the related local government's consideration in supporting counterplans necessary to preserve and improve the living environment of the areas where the facility is located. In this case, the related local government shall accede to the requests unless special reasons are provided.

Article 52. (Government Subsidy)

The National Government may support the whole or partial expenditure according to the following categories within the limits of a budget:

1) In the case of local government: The expenditure necessary to construct a domestic waste disposal facility

2) In the case of a person who constructs and manages a public disposal facility: The expenditure necessary to construct a special waste disposal facility as specified in the Presidential Decree.

Article 53. (Support for Expenditure for Special Waste Disposal Facilities)

The National Government or Heads of local governments may support the expenditure for construction for a person who intends to construct a waste disposal facility or recycling facility recognized as necessary.

Article 54. (Report of Waste Disposal Result)

1. Mayors/Governors shall report annual results of waste disposal within their jurisdictional territories to the Minister of Environment by the end of February of the coming year stipulated in the Prime Minister Order.

2. The Minister of Environment is entitled to have Mayors/Governors or Mayors/County and Ward Heads report the results of guidance and regulatory actions related to wasteworks.

Article 55. (Handling Fee for Permits, etc.)

Anyone who intends to get a permit by the stipulations in Article 17.1, 21.3, and 26.1, or anyone who intends to register a permit shall pay the handling fee specified in the Prime Minister Order.

Article 56. (Standard for Administrative Measures)

The standards for administrative measures relating to acts against this Law or the orders of this Law are specified in the Prime Minister Order.

Article 57. (Hearing)

The Minister of Environment or Mayor/Governors shall provide a person who receives the order, a proxy, or an interested person an opportunity to respond in advance as specified in the Prime Minister Order, when the Minister of Environment or Mayors/Governors intend to order cancellation of a permit or registration, suspension of business as stipulated in Articles 19.1, 22.1, and 26.5. However, this opportunity may be excluded in cases where the person who receives the order, a proxy, or the interested person does not respond to this proposal without justifiable

reasons, or where it is impossible to provide the opportunity because of unknown address, etc.

Article 58. (Delegation, Trust of Authority and Duty)

1. The Minister of Environment may entrust his partial authority by this Law to Mayors/Governors or Regional Administrators of Environmental Administration as stipulated in the Presidential Decree.

2. The National Government or heads of local governments may entrust the management and operation of waste disposal facilities to a competent person stipulated in the Prime Minister Order (Local Government Regulations in case of heads of local government) when they recognize the necessities for effective management and operation of those facilities constructed by this Law.

6. Penal Provisions

Article 59. (Penalties)

Anyone who falls under one of the following categories shall be imprisoned for less than 5 years or fined less than 30,000,000 won:

- 1) Anyone who conducts a business of domestic waste disposal service without a permit pursuant to the provisions of Article 17.1
- 2) Anyone who obtains a permit of domestic waste disposal service pursuant to the provisions of Article 17.1 by fraudulent or other unlawful means
- 3) Anyone who does not execute orders of closedown pursuant to the provisions of Article 20.6 or 28.6
- 4) Anyone who designs and constructs domestic waste disposal facilities as a business without registration required by the stipulations of Article 21.3
- 5) Anyone who registers a business of design and construction of domestic waste disposal facilities pursuant to the provisions of Article 21.3 by fraudulent or other unlawful means
- 6) Anyone who undertakes to dispose of special waste as a business without a permit pursuant to the provisions of Article 26.1
- 7) Anyone who obtains a permit of special waste disposal service pursuant to the provisions of Article 26.1 by fraudulent or other unlawful means.

Article 60. (Penalties)

Anyone who falls under one of the following categories shall be imprisoned for less than 2 years or fined less than 10,000,000 won:

1) Anyone who disposes of domestic waste in violation of the provisions of Article 13.3

2) Anyone who changes his permitted items without a permit for modification pursuant to Article 17.1

3) Anyone who conducts a business during the suspension period of business stipulated in Article 19.1 or 22.1

4) Anyone who constructs waste disposal facilities without a permit pursuant to Article 20.2 or 28.2

5) Anyone who violates the order of improvement or suspension of use pursuant to Article 20.5 or 28.5

6) Anyone who designs and constructs waste disposal facilities in violation of the provisions of Article 21.1

7) Anyone who changes the registered items without registration for change pursuant to Article 21.3

8) Anyone who disposes of special waste in violation of the provisions of Article 25.1

9) Anyone who disposes of special waste in violation of the provisions of Article 25.4 intentionally or by primary negligence

10) Anyone who violates the order pursuant to the provisions of Article 25.5

11) Anyone who violates the order of measures pursuant to the provisions of Article 32.2

12) Anyone who violates the order of measures pursuant to the provisions of Article 45.1

13) Anyone who violates the order of measures pursuant to the provisions of Article 47.2

14) Anyone who uses land in violation of the land use restriction pursuant to the provisions of Article 50.1.

Article 61. (Penalties)

Anyone who falls under one of the following categories shall be imprisoned for less than 1 year or fined less than 5,000,000 won:

1) Anyone who collects or transports domestic waste in violation of the provisions of Article 13.3

2) Anyone who does not report in compliance with the provisions of Article 14.1 or 42

3) Anyone who collects, transports, or disposes of domestic waste in violation of the provisions of Article 14.2

4) Anyone who violates the order of measures pursuant to the provisions of Article 16.1

5) Anyone who violates business restrictions or conditions pursuant to the provisions of Article 17.3

6) Anyone who changes the permitted items without a permit for changes pursuant to Article 20.2 or 28.2

7) Anyone who does not operate and manage the facilities in compliance with the management standards pursuant to the provisions of Article 20.4 or 28.4

8) Anyone who does not report in compliance with the provisions of Article 24.2, 27, or 31.1 or who reports fraudulently

9) Anyone who collects or transports special waste in violation of the provisions of Article 25.4 intentionally or by primary negligence

10) Anyone who changes the permitted items of special waste disposal service without a permit for changes pursuant to the provisions of Article 26.1

11) Anyone who recycles waste without fulfilling the required conditions pursuant to the provisions of Article 31.2

12) Anyone who does not appoint a technical manager pursuant to the provisions of Article 39

13) Anyone who does not report or makes a false report in noncompliance with the provisions of Article 43.1

14) Anyone who refuses, interferes, or avoids the ingress and inspection of facilities pursuant to the provisions of Article 43.

Article 62. (Concurrent Penalty Provisions)

When a representative of a corporation, a proxy for an employer, or an employee of a corporation or a private enterprise commits an unlawful act against the provisions of Article 59, 60, and 61 with regard to the business of the corporate or private enterprise, the penalties of the fine under each respective Article shall be imposed on the corporate or private enterprise in addition to punishing the person who committed such violations.

Article 63. (Fines)

1. Anyone who falls under one of the following categories shall be fined less than 1,000,000 won:

- 1) Anyone who discharges waste in violation of the stipulations of Article 7
- 2) Anyone who violates the stipulations of Article 15.2
- 3) Anyone who violates the order of measures pursuant to the provisions of Article 16.2
- 4) Anyone who collects disposal charges in violation of the stipulations of Article 17.4
- 5) Anyone who does not report as stipulated by Article 20.3 or 28.3
- 6) Anyone who does not record or keep a record book pursuant to the stipulations of Article 24.3, or who records fraudulently
- 7) Anyone who does not record or keep a record book pursuant to the stipulations of Article 41, or who records fraudulently
- 8) Anyone who does not report as stipulated by Article 47.1.

2. The Minister of Environment, Mayors/Governors, or Mayors/Heads of County and Wards are entitled to charge or collect fines as stipulated in Article 63.1, which shall be prescribed by the Presidential Decree.

3. Anyone who does not agree with the imposition of fine pursuant to the stipulation of Article 63.2 is entitled to file a rebuttal with the Minister of Environment, Mayors/Governors, or Mayors/Heads of County and Wards concerned, within 30 days from the day of receipt of the notification of imposition.

4. Upon receiving a rebuttal for the imposition of fine pursuant to the stipulation of Article 63.3 from a person receiving an imposed fine, according to the stipulation of Article 63.2, the Minister of Environment, Mayors/Governors, or Mayors/Heads of County and Wards shall refer the rebuttal to the court concerned. The court shall judge the imposition by the Voluntary Matters Proceedings Act.

5. In those cases where a plaintiff does not file a rebuttal, and still does not pay an imposed fine, according to the stipulation of Article 63.3, the Minister of Environment, Mayors/Governors, or Mayors/Heads of County and Wards may collect the fine by the procedures of Disposition of National/Local Taxes in Arrears.

Addenda to the Waste Management Law

Article 1. (Enforcement Date)

Enforcement of this Law shall be effective 6 months after the day of promulgation of this Law.

Article 2. (Interim Measures on Permission of Domestic or Special Waste Disposal Service)

Anyone whose business of domestic or special waste disposal service has been permitted by the stipulations of the old Law at the time of enforcement of this Law, shall obtain a permit for domestic or special waste disposal service with required facility, equipment, and technical capabilities in full compliance with this Law within 18 months after the day of promulgation of this Law. In such cases, each business concerned may conduct business through the day before the permitted date on the grounds of the old Law.

Article 3. (Interim Measures on Report by Special Waste Discharger)

The special waste discharger, previously required to report by the stipulations of Article 24.2 at the time of enforcement of this Law, shall report within 3 days after the date of enforcement of this Law.

Article 4. (Interim Measures on Construction of Waste Disposal Facilities)

1. Industrial waste disposal facilities as stipulated by the old Law at the time of enforcement of this Law, shall be regarded as domestic or special waste disposal facilities under this Law.

2. Any builder of industrial waste disposal facilities pursuant to Article 4.1 shall repair the facility within 3 years after the date of enforcement of this Law, to meet the

construction standards of domestic or special waste disposal facilities as stipulated by this Law.

Article 5. (Interim Measures on Report of Industrial Waste Recycling and Reuse)

Anyone who has reported industrial waste recycling use under the old Law at the time of enforcement of this Law shall be regarded as one who has reported domestic or special waste recycling use under this Law.

Article 6. (Amendment of Other Laws)

Parts of the Waste Synthetic Resins Treatment Service Law shall be amended as follows:

In Article 9, Category 5, "treatment of waste" shall be amended to "treatment and recycle of waste."

Presidential Decree To Implement the Waste Management Law

Full Text Revision 26 September 1991
Presidential Decree No. 13480

1. General Provisions of the Decree

Article 1. (Purpose)

The purpose of this Presidential Decree is to stipulate the items delegated in and necessary for implementing the Waste Management Law (hereinafter referred to as "the Law").

Article 2. (Types of Special Waste)

Pursuant to the provisions of Article 2.3 in the Law, special waste shall be specified in Table 1 in the Annex to this Order.

Article 3. (Domestic Waste Disposal Facility)

The domestic waste disposal facilities, pursuant to Article 2.6 of the Law, shall be defined as:

- 1) Landfill facilities
- 2) Incineration facilities

3) Compaction, shredding facilities, or intermediate facilities that dispose of domestic waste by methods of compaction or shredding, to promote transportation efficiency

4) Facilities that dispose of domestic waste by methods of separation, composting, making feed or fuel, to promote efficiency of domestic waste disposal

5) Other facilities that the Minister of Environment notifies after recognition of safe disposal of domestic waste.

Article 4. (Special Waste Disposal Facility)

The special waste disposal facilities, pursuant to Article 2.7 of the Law, shall be defined as:

1) Intermediate disposal facilities

a. Incineration facilities (destructive distillation systems shall be included.)

b. High temperature destruction facilities

c. Shredding/cutting facilities

d. Melting facilities

e. Graduation (evaporation/graduation) facilities

f. Refining facilities (including facilities that dispose of special waste by methods of separation, distillation, extraction, or filtration)

g. Reaction facilities (including facilities that dispose of special waste by methods of chemical reaction, such as neutralization, oxidation, deoxidation, polymerization, or condensation)

h. Oil and water separation facilities

i. Coagulation/sedimentation facilities

j. Dewatering facilities

- k. Drying facilities
 - l. Solidification facilities
 - m. Stabilization facilities. (Compost facilities shall be included.)
- 2) Final disposal facilities
- a. Isolation type landfill
 - b. Management type landfill
 - c. Sedimentation type landfill
 - d. Stabilization type landfill
- 3) Other facilities that the Minister of Environment notifies after recognition of safe disposal of special waste.

Article 5. (Prohibited Areas of Waste Open Dumping)

"Other areas prescribed by the Presidential Decree" in Article 7 of the Law shall be defined as:

- 1) Coastal areas
- 2) Areas so designated and declared by the Minister of Environment, through coordination with the National Fisheries Administration, to produce or preserve marine products
- 3) Areas, such as roadside, railroad track beds, or resort areas, so designated and declared by the Minister of Environment, through coordination with the Minister of Construction or the Minister of Transportation
- 4) Areas so designated and declared by the Minister of Environment, through coordination with the Minister of Agriculture and Fisheries, to preserve the quality of agricultural water
- 5) Areas within 15,000 m (30,000 m in case of a service water reservoir for a very wide area) from service water reservoirs or protection areas for service water, according to the Water Resources Law, as declared by the Minister of Environment in coordination with the Minister of Construction.

2. Collection, Transportation, Disposal of Waste

Article 6. (Large Volume Domestic Waste Generator)

"A large volume domestic waste generator" who conducts business activities (hereinafter referred to as "a large volume waste generator") discharging more than the volume specified in the Presidential Decree in Article 14.1 of the Law shall be defined as:

- 1) Anyone who discharges an average of 300 kg/day or more of domestic waste
- 2) Anyone, except people described in Article 6.1, who discharges domestic waste of 1 ton or more per each job or 1 ton/wk or more due to the continuous business activities, such as a chain of construction or other work activities.

Article 7. (Collection, Transportation, Disposal Standards of Domestic Waste for a Large Volume Generator)

Collection, transportation, and disposal standards of domestic waste for large volume generators, pursuant to the provisions of Article 14.2 in the Law, shall be specified in Table 2 in the Annex to this Order.

Article 8. (Recommendation of Self-Disposal of Special Waste)

1. The Minister of Environment may advise special waste generators to take necessary measures, such as self-disposal of special waste generating from their business activities, in cases where the Minister of Environment recognizes that it is required for appropriate management of special waste. In those cases, the special waste generators shall follow the request, unless there is a special exception.

2. In cases where special waste generators entrust disposal of special waste generated from their business activities, pursuant to Article 25.1 of the Law, they shall observe the following:

1) Notify trustees in advance of all matters necessary for types/constituents, precautions, disposal methods, and collection, transportation, or disposal of special waste

2) Checking the trustees capacity, capability, and type of disposal facilities, considering the constituent and volume of special waste to be treated.

3. Control of Waste Generation and Reuse, etc.

Article 9. (Devising a Basic Plan for Waste Reuse)

1. The Minister of Environment shall devise and support the annual basic plan for waste reuse to implement a comprehensive and systematic waste-recycling program.

2. The heads of the National Government Agencies concerned, the Mayor of the special city of Seoul, the Mayors of the cities under direct control of the national government, and Governors of the provinces (hereinafter referred to as "Mayors/Governors") shall devise and support a waste recycling plan appropriate to the local situation, pursuant to the waste reuse plan set forth in Article 9.1.

3. The Minister of Environment shall designate business types targeted for priority recycling through coordination with the heads of the National Government Agencies and list the recycling methods by business types, if the Minister of Environment recognizes that it is necessary to facilitate waste reuse.

Article 10. (Establishment of A Waste Minimization Plan by Waste Generators)

1. Waste generators shall make their effort to minimize waste generation volume by devising, implementing self-plans for waste recycling, and improving manufacturing methods necessary for minimizing waste generation volume, pursuant to Article 29 in the Law.

2. Waste generators shall make their effort to facilitate waste recycling by labeling recyclable signs on the products/containers, as recommended by the Minister of Environment, during manufacturing, processing, and marketing the products.

3. Waste generators shall make an effort to recycle and minimize waste by complying with the packing standards for packing methods/materials, as suggested by the Minister of Environment.

Article 11. (National Government Support for Facilitating Waste Reuse)

1. The National Government shall make an effort to promote scientific technology, and support research, development, and technology transfer for facilitation of recycling waste.

2. The National Government shall endeavor to achieve voluntary cooperation of citizens for recycling waste by promoting citizens' recognition of the significance of waste recycling through education and public relationship.

3. The National Government shall endeavor to support collectors of recycling waste and builders of recycling facilities/equipment with financial aid, such as loans for purchasing collection equipment, investing facilities, and tax exemptions.

Article 12. (Products/Receptacles Requiring Deposit for Waste Collection and Disposal)

The products requiring a deposit to the waste management fund for waste collection and disposal (*hereinafter referred to as a "deposit"*), pursuant to Article 33.1 of the Law, shall be as follows. However, among the products manufactured or imported by manufacturers or importers for the purpose of export and the products specified in the following categories 1), 2), 5), and 7), the products that do not correspond with the size and type of products notified by the Minister of Environment on deliberation with the related National Government Agencies shall be excluded.

1) Paper packs (limited to paper packs covered with aluminum or made of non-resolvable synthetic resins), foods and drinks using glass bottles or metal cans (the products leaving deposits for containers, pursuant to Article 29 of the Food Sanitation Law and Article 26 of an Enforcement Ordinance of the Liquor Tax Law, are excluded), and cosmetics

2) Insecticides and butane gas products using glass bottles, metal cans, or synthetic resins and toxic products

3) Electric cells which fall into one of the following categories:

a. Mercury batteries

b. Oxidized silver batteries

c. Lithium batteries

d. Manganese batteries and alkali-manganese batteries (limited to batteries containing mercury)

e. Nickel/cadmium batteries

4) Tires (limited to tires used by automobiles pursuant to the stipulations of the Munitions Management Law and Article 3 of the Automobile Management Law, and tires used by heavy machinery pursuant to Article 2 of the Heavy Machinery Management Law)

5) Lube oil (limited to lube oil used by automobiles pursuant to the stipulations of the Munitions Management Law and Article 3 of the Automobile Management Law, and lube oil used by heavy machinery pursuant to Article 2 of the Heavy Machinery Management Law)

6) Electric home appliances (limited to televisions and washers)

7) Synthetic resins.

Article 13. (Submission of Bylaw of Corporation by a Businessmen Body)

In cases where a body of businessmen composed of manufacturers and importers intends to collect and dispose of waste, pursuant to Article 33.1 of the Law, the body shall submit the agreements, bylaws of the corporation, or union constitutions, including the following items, to the Minister of Environment:

1) Goals and extent of undertakings (includes items of joint collection and disposal of waste)

2) A plan for financing

3) A plan to collect and dispose of waste

4) Other items specified by the Minister of Environment.

Article 14. (Standards for Estimating Deposit)

The standards for estimating manufacturers' and importers' deposit to the waste management fund, pursuant to Article 33.2 of the Law, are given in Table 3 in the Annex to this Order.

Article 15. (Timing and Procedure of Deposit)

1. Pursuant to Article 33.2 of the Law, manufacturers and importers supposed to deposit shall report the actual delivery record or the actual import record of the previous year to the Minister of Environment by the end of each February according to the Prime Minister Order.

2. When receiving manufacturers' reports, pursuant to Article 15.1, the Minister of Environment shall estimate the required deposit using the standards of deposit in Table 3 in consideration of the amount of previous year's production. (If the manufacturer is a body of businessmen pursuant to Article 13, the quantity will be the difference between the production quantity and the collection/disposal quantity, pursuant to Article 16.3.3.) The Minister of Environment shall notify the manufacturer of the deposit amount by every March 31, according to the Prime Minister Order. The deposit shall be divided and paid in installments, according to the Prime Minister Order.

3. The deposits for importers shall be estimated based on the standards of deposit in Table 3 depending on the amount of products to be imported during the corresponding year. (If the importer is a body of businessmen pursuant to Article 13, the amount of products corresponding to the collection/disposal volume of the previous year that is allocated to the importer, pursuant to Article 16.3.3, shall be excluded.)

4. Importers shall pay the deposit estimated by the stipulation of Article 15.3, voluntarily to banks dealing in foreign exchange where the importers have an account at the time of applying for import approval for products. In these cases, the importers may pay the deposit corresponding to the amount approved in the application to import products, once for each application up to the total amount of deposit that the importers must pay.

Article 16. (Standards for Estimating the Refunded Deposit)

1. Pursuant to Article 33.3 of the Law, the standards for estimating the deposit to be refunded to manufacturers or importers shall be given in Table 3 in the Annex to this Order.

2. Pursuant to Article 33.3 of the Law, the amount of refunded deposit to manufacturers or importers shall be the sum of refunded factors specified in Table 3 multiplied by waste volume collected and disposed of and the interest for a period of deposited time on the basis of the Civil Law.

3. Pursuant to Article 16.2, the volume of waste shall be defined by the following standards:

1) The volume of waste collected and disposed of shall be limited to waste collected and disposed of by the collection/disposal methods of waste specified in Article 32.2 of the Law.

2) Where manufacturers or importers entrust collection/disposal of waste, the volume of waste collected and disposed of by trustees shall be regarded as the volume of waste collected and disposed of by trusters.

3) Where a body of businessmen collect/dispose of waste in-house or by trust, the total volume of waste collected and disposed of by trustees or the body shall be regarded as the volume of waste collected and disposed of by manufacturers or importers who are members of the body. In that case, distribution and estimation methods of the waste volume for each manufacturer or importer shall be based on the regulations of the body of businessmen.

4) If waste collected and disposed of is the same type of materials as those products specified in Article 12, the waste of the products from other manufacturers or importers shall be regarded as the volume of waste collected and disposed of.

Article 17. (Deposit Refund Procedure)

1. A manufacturer or importer who intends to receive a deposit refund pursuant to Article 33.3 of the Law, shall submit an application for refund with documents specified by the Prime Minister Order to the Minister of Environment by the end of February of every year. However, if the manufacturer or importer intends to receive a quarterly refund, he/she shall submit those documents within 20 days after the end of quarter.

2. If a refund is requested from the Minister of Environment pursuant to Article 17.1, the Minister of Environment shall review the estimation methods for refund and shall issue a written notice for allowance of refund to an applicant within 1 month as long as the estimate is appropriate.

3. If an importer ceases to import a part of or all products, or begins to export, the Minister of Environment shall refund the corresponding deposit by the request of the importer, pursuant to the Prime Minister Order.

Article 18. (Inspection of Actual Product Deliveries)

1. Pursuant to Article 43 of the Law, the Minister of Environment officials can inspect and confirm manufacturers' or importors' actual product deliveries of the previous year, in the following cases.

1) When a manufacturer does not report the actual product delivery of the previous year, pursuant to Article 15.1.

2) When an importer does not pay the deposit voluntarily, pursuant to Article 15.4.

3) When a body of businessmen does not submit a statement of accounts, pursuant to Article 19.

*) When the Minister of Environment recognizes the necessity of inspection and confirmation, as if the paid deposit is different from the actual deposit supposed to be paid.

2. The Minister of Environment shall notify the manufacturer/importer of additional deposit or balance of payment, if the actual product delivery records confirm the difference after inspection/confirmation pursuant, to Article 18.1.

Article 19. (Settling Procedure of Deposit)

1. The businessmen body shall submit a statement of accounts including the following items to the Minister of Environment by the end of February every year, pursuant to Article 33.4 of the Law:

1) The actual waste collection/disposal results of the previous year

2) The amount of paid deposit and the amount of exempted deposit classified by manufacturers or importors

3) Collection/disposal expenses and balance of deposit supposed to be paid by manufacturers or importors, pursuant to Article 19.2.1.

2. If the expenditure for collection/disposal of waste that is not collected/disposed of by a businessmen body exceeds the paid deposit after inspecting a statement of accounts submitted, pursuant to Article 19.1, the Minister of Environment shall notify manufacturers or importors concerned of the balance payment. In that case, the stipulations of Article 15.2 shall apply to the time and procedure of payment, but payment by installments shall not be accepted.

Article 20. (Establishing Waste Management Fund)

1. People who intend to contribute to the waste management fund (hereinafter referred to as the "fund"), pursuant to Article 35.6 of the Law, shall be defined as corporations or individuals who intend to contribute to the government or fund.

2. "Earnings specified in the Presidential Decree" in the Article 35.6 of the Law, shall be referred to as income from the sales of recycling waste.

Article 21. (Use of Fund)

"Other uses specified in the Presidential Decree" in Article 36.5 of the Law shall be defined as those uses that fall into one of the following categories:

- 1) Establishment/operation/management of the fund
- 2) Deposit refund for post-management and post-management of landfill facilities
- 3) Training, research, and publicity for reduction, recycling, and appropriate disposal of waste
- 4) Collection and disposal of recyclable waste
- 5) Other uses that the Minister of Environment recognizes as necessary for disposal of waste and acceleration of waste recycling.

Article 22. (Fiscal Year and Operation of Fund)

1. The fiscal year of the fund shall follow that of the government.
2. If there are profits after settlement of accounts in any fiscal year, the Minister of Environment shall apply the profits to the balance of losses brought forward, and reserve the rest for the fund.
3. The Minister of Environment shall open accounts for the fund with the Bank of Korea, to help balance the fund's income and expenditures.
4. The Minister of Environment may operate the fund by the following methods, if there are margins of fund:
 - 1) Depositing with banking facilities
 - 2) Purchasing stocks and bonds that are guaranteed by a government, local government, or banking facility.

Article 23. (Accounting Agency)

1. The Minister of Environment shall appoint an accounting director and an accounting official of the waste management fund from in-house officials, to approve income and expenditures.
2. Where the Minister of Environment entrusts the Korean Resources Recycling Corporation to operate and manage the fund, pursuant to Article 37.2 of the Law, a director of the corporation shall be appointed to the directorship in charge of accounts and a member of the staff of the corporation shall be appointed to the accounting staff of the waste management fund. In that case, the director in charge of accounts shall fulfill the accounting director's duties and the accounting staff shall discharge duties of the accounting official of the waste management fund.

4. Guidance and Supervision of Waste Disposal Contractor

Article 24. (Waste Disposal Facility Requirement To Appoint a Technical Manager)

The following waste disposal facilities are required to appoint a technical manager in charge of technical aspects of the operation and maintenance of the waste disposal facilities, pursuant to Article 39.1 of the Law:

1) In case of domestic waste disposal facilities

a. Any landfill with a landfill area of 10,000 m² or more, or a landfill capacity of 30,000 m³ or more

b. Any incineration facility with an incineration capacity of 600 kg/hr or more

c. Any facility specified in Article 3.3 with a capacity of 500 tons/day or more

d. Any facility specified in Article 3.4 and 3.5 with a capacity of 600 kg/hr or more.

2) In case of special waste disposal facilities

a. Any facility with a capacity of 600 kg/hr or more

b. Any special waste landfill with an area of 3,300 m² or more; however, for isolation type landfills pursuant to Article 4.2.a, any facility with a landfill area of 330 m² or more, or a landfill capacity of 1,000 m³ or more is required to appoint a technical manager.

Article 25. (A Proxy for Technical Management)

To be technically qualified to make consignment contracts for the technical management (operation and maintenance) of waste disposal facilities, pursuant to Article 39.1 of the Law, one must be:

- 1) The Environmental Management Corporation
- 2) Anyone who is accredited and declared by the Minister of Environment as having a capability to execute technical management.

Article 26. (Personnel Requiring Waste Disposal Training)

Personnel requiring training, pursuant to Article 40.1 of the Law, are:

- 1) Builders of domestic or special waste disposal facilities specified in Article 2 of the Law, or technical personnel hired by the builders
- 2) Any technical personnel hired by a generator of a large volume of domestic waste as prescribed in Article 14.1 of the Law
- 3) Anyone who has obtained a permit for a domestic waste disposal business, pursuant to Article 17.2 of the Law, or technical personnel hired by him
- 4) Anyone who has designed and constructed domestic waste disposal facilities specified in Article 21 of the Law, or technical personnel hired by the designers/builders
- 5) Special waste generators specified in Article 24.1 of the Law, or technical personnel hired by the generators
- 6) Any technical personnel hired by a person who has constructed and manages a public special waste disposal facility, pursuant to Article 25.2 of the Law
- 7) Anyone who has obtained a permit for a special waste disposal business specified in Article 26.2 of the Law, or technical personnel hired by him
- 8) Anyone who disposes of domestic or special waste for the purpose of recycling as specified in Article 31.1 of the Law, or technical personnel hired by him

9) Any technical manager or any builder who takes technical charge of the waste disposal facility for himself, pursuant to Article 39 of the Law.

5. Supplementary Provisions

Article 27. (Objects of Post-Management)

The following landfills may be required to take measures for post-management, pursuant to Article 47.2 of the Law:

- 1) A domestic waste landfill with an area of 10,000 m² or more
- 2) A special waste landfill. (Stabilization type landfills, as specified in Article 4.2.d, shall be excluded.)

Article 28. (A Proxy for Post-Management)

To be qualified to make consignment contracts for post-management of waste disposal facilities, pursuant to Article 47.3 of the Law, one must be:

- 1) The Environmental Management Corporation
- 2) Anyone who is accredited and declared by the Minister of Environment as having a capability to execute post-management.

Article 29. (Reserving Expenses for Post-Management)

1. The Minister of Environment shall notify a facility targeted for payment of expenses reserved for post-management (hereinafter referred to as "post-management deposit") to ensure execution of post-management, pursuant to Article 48 of the Law. The builder of a facility that landfills waste targeted for post-management as specified in Article 48.1 of the Law shall be notified of the recognized possibilities of danger against human health, property, or surrounding environment due to the leakage of leachate, after deliberation by the committee of waste management pursuant to Article 40.

2. If builders of facilities targeted for payment of post-management deposit are notified, as stipulated in Article 29.1, they shall submit a list of detailed expenses required for post-management (hereinafter referred to as "expense details") to the Minister of Environment within 1 month after receipt of notification based on the reckoning standards for post-management deposit, pursuant to Article 33, as stipulated in the Prime Minister Order.

3. If the Minister of Environment receives the reported expense details pursuant to Article 29.2, the Minister of Environment shall determine expenses for post-management through deliberation of the waste management committee within 1 month after receipt of the report, and notify the builder of the facility of the payment of the post-management deposit corresponding to the determined expenses. (If anyone has reserved a post-management deposit in advance, pursuant to Article 36, the reserved deposit and interest corresponding to the 1-year maturity of a fixed deposit for each year during the reserved period shall be deducted from the post-management deposit.)

Article 30. (Exemption of Expenditure for Post-Management)

1. Pursuant to the stipulations of Article 48.1 in the Law, the deposit of expenditure for post-management can be exempted if it falls under a category of Article 30.3.1.

2. Pursuant to the stipulations of Article 48.1 in the Law, the deposit of the whole or partial expenditure for post-management can be replaced if it falls under one of the following categories:

1) Where it carries insurance that ensures the post-management

2) Where the post-management deposit is reserved in advance, pursuant to Article 49 of the Law

3) Where it falls under a category of Article 29.3.2.

3. "Other cases specified in the Presidential Decree" in Article 48.1.3 of the Law shall be defined as follows:

1) Where the national government or local government constructs the waste landfill facility

2) Where a security corresponding to the whole or partial expenditure of post-management is offered.

Article 31. (Submission of an Insurance Policy Ensuring Execution of Post-Management)

Anyone under a category 1 in Article 30.2 who intends to replace a deposit of expenditure for post-management shall submit an insurance policy ensuring a whole or partial execution of post-management deposit of which payment is notified by the stipulations of Article 29.3, to the Minister of Environment within 1 month after the day of a notice for payment.

Article 32. (Offering a Security)

1. Anyone under a category 3 in Article 30.2 who intends to replace a deposit of expenditure for post-management shall submit a security estimated as having an appraised value of a publicly announced and estimated land value (hereinafter referred to as "an appraisal"), that ensures a whole or partial execution of post-management deposit notified by the stipulations of Article 29.3, to the Minister of Environment within 1 month after the day of a notice for payment.

2. When a person who has offered a security does not execute post-management of a landfill facility, the Minister of Environment may sell the security for post-management expenses of the landfill facility. In that case, if there is a balance remaining from the post-management expenses, it shall be returned to the person who offered the security.

Article 33. (Standards for Estimating Post-Management Deposit)

1. The reckoning standards for post-management deposit, pursuant to Article 48.2 of the Law, are as follows:

1) The post-management deposit shall be calculated by summing the total expenses of each following category that requires expenses for post-management action, and is necessary to meet the stipulations of Article 47.2 of the Law, during a post-management period. However, an isolated landfill facility specified in Article 4.2.a shall exclude the expenses of categories a, b, and c.

- a. Expenses for operation, maintenance, and management of the leachate disposal facility
- b. Expenses for disposal of gas discharged from the landfill facility
- c. Expenses for maintenance/management of wells, examining underground water, and pollution inspection of underground water
- d. Expenses for preventing banks of landfill facilities from washing out
- e. Expenses for examining environmental pollution levels surrounding landfill facilities
- f. Expenses for redispisal or restoration of waste landfilled (which is limited to 30/100 of the total of categories a through e).

2) Expenditure for post-management, that is a basis for estimating the post-management deposit, shall be based on types and volume of waste landfilled by classifications of landfill facilities, forms and locational factors of landfill facilities, volume and density of leachate, and disposal methods of leachate.

2. The Minister of Environment shall specify and declare the estimating standards and methods for detailed expenditure of post-management deposit, pursuant to Article 33.1, and other necessary items.

Article 34. (Standards for Refunding Post-Management Deposit)

Pursuant to the stipulations of Article 48.4 in the Law, standards for annual refunding of post-management deposits are as follows:

- 1) An amount of post-management deposit reserved during the year plus its interests calculated by the Civil Law, in case of executing the whole post-management.
- 2) An amount determined by multiplying the post-management deposit reserved during the year by the rate of post-management decided by the Minister of Environment through deliberation of the waste management committee, plus its interests calculated by the Civil Law, in case of executing a part of post-management.

Article 35. (Refund Procedure of Post-Management Deposit)

1. Anyone who intends to receive a refund of post-management deposit, pursuant to Article 48.4 of the Law, shall annually submit an application for the return of post-management deposit accompanied by documents specified in the Prime Minister Order to the Minister of Environment.

2. The Minister of Environment shall decide on the amount of post-management deposit to be returned by the standards of Article 34 and issue a written decision on payment of post-management deposit to be refunded to the applicant, when refund is requested, pursuant to Article 35.1.

Article 36. (Advanced Reserve for Post-Management Deposit)

1. Pursuant to Article 49.1 of the Law, the facilities that landfill waste targeted for advance reserving of post-management deposit are:

1) Any domestic waste landfill with an area of 50,000 m² or more

2) Any special waste landfill with an area of 10,000 m² or a landfill capacity of 30,000 m³. (Stabilization type landfills as specified in Article 4.2.d, shall be excluded).

2. A builder of a landfill, pursuant to Article 36, shall submit a deposit plan in advance to reserve post-management, to the Minister of Environment within 1 month after the business-opening day of the facility as specified in the Prime Minister Order.

3. If the Minister of Environment receives a deposit plan in advance pursuant to Article 36.2, the Minister of Environment shall annually note the deposit as an advanced reservation, according to the plan received. However, the first deposit notification shall be issued within 1 month after 1 year of business.

Article 37. (Refund Balance of the Advanced Deposit)

1. Pursuant to Article 49.2 of the Law, the Minister of Environment shall refund the balance to the builder, if an advance deposit reserved by a builder who constructs a landfill pursuant to Article 36.1 exceeds the post-management deposit pursuant to Article 29.

Article 38. (Restriction of Land Uses)

1. The restriction period for land uses, pursuant to Article 50.1 of the Law, shall be within 20 years after a closedown of business or uses of the waste landfill.

2. Anyone who has the right of ownership or other rights pertaining to the land of a closed landfill shall submit a land use plan to the Minister of Environment accompanied by documents as specified in the Prime Minister Order.

3. If the Minister of Environment receives a land use plan pursuant to Article 38.2, the Minister of Environment shall determine the land uses and restriction period of land uses after deliberation of the waste management committee and notify the person who has the right of ownership or other rights pertaining to the land specified in the Article 38.2, pursuant to the Prime Minister Order.

Article 39. (Waste Disposal Facilities Targeted for a Government Subsidy)

"A special waste disposal facility specified in the Presidential Decree" in Article 52.2 of the Law shall be defined as a special waste disposal facility as specified in Article 4.

Article 40. (Waste Management Committee)

1. The waste management committee (hereinafter referred to as "committee") shall be formed under the control of the Minister of Environment to provide advice and suggestions as requested, which is technically important to enforce the waste management regulations pursuant to the Law and this Order. However, a sectional committee for waste disposal shall execute functions for the waste management committee, pursuant to Article 19 of the President Decree, to implement the Environmental Policy Organic Law.

2. The committee shall deliberate on matters pertaining to the following categories:

1) Changes of products targeted for deposit expenditure for waste collection/disposal, pursuant to Article 12, and changes of the standards for calculating the deposit, pursuant to the stipulations of Article 14

2) Notification of waste collection and appropriate disposal methods, pursuant to Article 32

3) Devising a plan for waste management fund operation, pursuant to Article 37 of the Law

4) Deciding on facilities targeted for post-management deposit and calculating post-management expenditure by the waste landfill, pursuant to Article 29

5) Standards for calculating expenses spent for post-management of waste landfills, pursuant to Article 33

6) Deciding on the rate of post-management for waste landfills, pursuant to Article 34

7) Deciding on the restriction period for land uses of the waste landfill facilities closed, pursuant to Article 38.

3. Allowances/traveling expenses or other actual expenses necessary for executing duties specified in Article 40.2 by members of the committee may be paid from the fund.

Article 41. (Delegation of Authority)

1. Pursuant to Article 58.1 of the Law, the Minister of Environment shall delegate authority to the Mayors/Governors of construction/modification approval, acceptance of a report for use, and orders of improvement/suspension of use/closedown of the following facilities among domestic waste disposal facilities under Article 20.2/3/5/6 of the Law.

1) A domestic waste landfill facility with an area of 30,000 m² or less; however, a domestic waste disposal facility covering a large area, pursuant to Article 5.1 of the Law, that is constructed for two or more cities/provinces or two or more cities/counties/wards of the cities/provinces shall be excluded.

2) A domestic waste incineration facility with an incineration capacity of 600 kg/hr or less

3) A domestic waste disposal facility, specified in Article 3.3, with a disposal capacity of 500 tons/day or less

4) A domestic waste disposal facility, specified in Article 3.4 or 3.5, with a disposal capacity of 600 kg/hr or less.

2. Pursuant to Article 58.1 of the Law, the Minister of Environment shall delegate authority of the following items to the Regional Administrator of Environmental Administration:

1) Construction/modification approval, acceptance of a report for use, and orders of improvement/suspension of use/closedown of the facilities excluding facilities defined in Article 41.2, among domestic waste disposal facilities specified in Article 20.2 of the Law. (A domestic waste disposal facility covering a large area, pursuant to Article 5.1 of the Law, that is constructed for two or more cities/provinces or two or more cities/counties/wards of the cities/provinces shall be excluded.)

2) Approval for design/construction of domestic waste disposal facilities, pursuant to Article 21.1 of the Law

3) Designation of a construction supervisor to supervise design/construction done by a designer/builder, pursuant to Article 21.2 of the Law

4) Registration or registration of modification for design/construction business of domestic waste disposal facilities, pursuant to Article 21.3

5) Cancellation of registration or suspension of business orders, pursuant to Article 22.1 of the Law

6) Designation of a construction supervisor to supervise continuing work of construction done by a designer/builder, pursuant to Article 23.1

7) Orders that require actions toward a special waste disposal contractor, pursuant to Article 25.2 of the Law

8) Approval or approval of modification for special waste disposal business, pursuant to Article 26 of the Law

9) Acceptance of reports for transporting and disposing of special waste, pursuant to Article 27 of the Law

10) Approval of construction/modification, acceptance of reports for use, and orders of improvement/suspension of use/closedown of special waste disposal facilities

(the public disposal facility, specified in Article 25.2 of the Law, shall be excluded), pursuant to Article 28.2/3/5/6 of the Law

11) Acceptance of reports for recycling special waste, pursuant to 31.1 of the Law

12) Orders for report and inspection, pursuant to Article 43 of the Law

13) Orders that require actions or hearings for exclusion and prevention of danger, pursuant to Article 45 of the Law

14) Execution by proxy or levy of the expenditure, pursuant to Article 46 of the Law

15) Acceptance of reports for close of business or closedown of special waste disposal facilities, specified in Article 49 of the Law; orders for post-management measures and improvements; and designation of a proxy for execution

16) Hearings, pursuant to Article 57 of the Law

17) Levy and collection of fines, pursuant to the stipulations of Article 63 in the Law.

Article 42. (Imposition of Fines)

1. If the Minister of Environment, Mayors/Governors, or Mayors/Heads of County or Ward (hereinafter referred to as "imposition authorities") impose a fine, pursuant to the stipulations of Article 63.2 of the Law, imposition authorities must inspect and confirm the violations and notify the violator of payment of a fine with a written specification of violations and a process and period of protest.

2. When imposition authorities intend to impose a fine, they shall give a violator no fewer than 10 days to file a rebuttal on the imposition by a verbal or written statement. If no rebuttal is filed by the given date, submission to the fine will be assumed.

3. Imposition authorities shall make allowances for the cause and the consequences of the violation in determining the amount of the fine.

4. The fine collection process shall be specified in the same Minister's Order.

Addenda to the Presidential Decree

Article 1. (Enforcement Date)

This Decree shall be effective from the date of promulgation of this Decree.

Article 2. (Application Example of the Deposit for Waste Collection/Disposal Expenses)

Stipulations for deposit of waste collection/disposal expenses toward the products, pursuant to Article 12, shall be applied from 1 January 1992. However, the stipulations for deposit of waste collection/disposal expenses of synthetic resins, pursuant to Article 12.7, shall be applied from the date when the stipulations for imposing expenditure toward waste synthetic resins in the Waste Synthetic Resins Treatment Service Law do not apply due to the revision or abrogation of the Law.

Article 3. (Interim Measures on Authorization)

In the authorities entrusted to the Mayors/Governors or Regional Administrators of Environmental Administration, pursuant to Article 41, the construction approval authority for a domestic waste disposal facility that has been approved in advance to the enforcement of this Decree shall be executed by the person who has approved by the previous stipulations, in spite of the stipulations of Article 41.

Article 4. (Amendment of Other Statute)

1. In the Presidential Decree for the Environmental Management Corporation Law, "refuse landfills" in Article 8.2 shall be amended to "domestic waste disposal facilities," and "industrial waste disposal facilities pursuant to Article 23.3 of the Waste Management Law" in Article 8.3 shall be amended to "special waste disposal facilities pursuant to Article 25.2 of the Waste Management Law."

2. In the Presidential Decree for the Water Environmental Preservation Law, "industrial waste shall be . . . , Article 23.2 of the Waste Management Law" in Article 23.1 shall be amended to "special waste shall be . . . , Article 25.4 of the Waste Management Law", and "industrial waste or refuse" and "Article 7 of the Waste Management Law" in Article 23.3 shall be amended to "domestic waste or special waste" and "Article 13.3 or 25.4 of the Waste Management Law." Also, Article 23.2 shall be amended as follows:

1) Domestic waste shall be disposed appropriately to the standards and methods for collection/transportation/disposal of domestic waste, pursuant to the stipulations of Article 13.3 in the Waste Management Law.

3. In the Presidential Decree for the Special Measure Law of Agriculture and Fisheries Development, "industrial waste disposal facilities pursuant to Article 2.8 of the Waste Management Law" in Article 51.1.3 shall be amended to "special waste disposal facilities pursuant to Article 2.7 of the Waste Management Law," and "industrial waste" and "industrial waste disposal facilities" of a proviso in the article shall be amended to "special waste" and "special waste disposal facilities."

Article 5. (Relation with Other Statute)

At the time of implementation of this Order, any Law or Ordinance that quotes the stipulations of the previous Presidential Decree for the Waste Management Law, if there is equivalent stipulations in this Order, shall be regarded as quoting from this Order or its provisions.

Annex to the Presidential Decree

Table 1. Types of special waste (related to Article 2).

1. Waste acid (limited to waste acid with pH values of 2.0 or less)
2. Waste alkali (limited to waste alkali with pH values of 12.5 or more)
3. Waste oil (limited to waste oil with 5 percent or more of oil, and excluding waste containing PCB)
4. Waste organic solvents
 - a. Halogen family (limited to substances specified by the Prime Minister Order and generated from business activities using substances containing halogens)
 - b. Non-halogen family (limited to substances specified by the Prime Minister Order and generated from business activities using substances containing halogens)
5. Waste synthetic high polymers
 - a. Waste synthetic resins
 - b. Waste synthetic fibers
 - c. Waste synthetic rubber
 - d. Waste synthetic leather
 - e. Waste paint and waste lacquer
 - f. Other waste synthetic high polymers.
6. Waste asbestos (limited to the waste asbestos generated during producing/processing asbestos or removing buildings/structures)
7. Slag (limited to the slag containing substances specified by the Prime Minister Order)
8. Slag-Dust (limited to slag-dust containing substances specified by the Prime Minister Order)
9. Waste molding sand and waste sandblast (limited to the waste molding sand and waste sandblast that contain substances specified by the Prime Minister Order)
10. Waste fire resistant materials and pieces of pottery before secondary bake (limited to the waste resistant materials and pieces of pottery that contain substances specified by the Prime Minister Order)
11. Incineration residues (limited to the incineration ashes that contain substances specified by the Prime Minister Order)

12. Material disposed by solidification or stabilization (limited to material that contains substances specified by the Prime Minister Order)
13. Waste catalyzers (limited to the waste catalyzers that contain substances specified by the Prime Minister Order)
14. Waste adsorbent and waste absorbent (limited to the material that contains substances specified by the Prime Minister Order)
15. Waste agricultural chemicals (limited to agricultural chemicals generated during manufacturing and selling)
16. Waste containing polychlorinatedbiphenyl (PCB)
 - a. Liquid waste (limited to PCB content with 50 mg/L or more)
 - b. Nonliquid waste (limited to PCB content with 50 mg/L or more in the extraction liquid)
17. Sludge (limited to water content with less than 95 percent or solid material content with 5 percent or more)
 - a. Sludge from wastewater treatment plants (limited to sludge discharged from the water pollution protection facility in a business that has obtained a construction permit for a facility discharging wastewater and discharged from the complex industrial wastewater final disposal facility, pursuant to Article 10.1 and 25 of the Water Environmental Preservation Law. However, sludge from filtration plants shall be excluded.)
 - b. Manufacturing process sludge (limited to sludge discharged during an industrial manufacturing process)
 - c. Designated sludge (limited to sludge containing substances specified by the Prime Minister Order and discharged from a business designated and notified by the Minister of Environment)
18. Waste plaster
19. Waste lime
20. Animal carcasses
 - a. Processed leather residues (limited to leather or fur generated during manufacturing and processing)
 - b. Processed meat residues (fur and contents in the internal organs generated during butchering livestock, and livestock's excrement shall be excluded)
 - c. Processes marine residues (horny substance, such as shells, shall be excluded)

21. Other materials designated/notified by the Minister of Environment as harmful to the environment or to public health.

Table 2. Collection/transportation/disposal standards of domestic waste for a large volume generator (related to Article 7).

1. Collection/transportation standards

a. A large volume generator shall collect and transport by himself or entrust collection and transportation of domestic waste, designated by the Mayors/County and Ward heads or pursuant to Article 17.2 of the Law.

b. Transportation equipment shall be airtight to avoid generation of offensive odors, spread of refuse, or discharge of leachate.

c. Vehicles that have airtight cargoes shall be used for long distance transportation through other cities, counties, or wards.

d. Vehicles returning after discharging domestic waste into landfill areas shall avoid blowing dust or spreading refuse.

e. Transportation vehicles shall always be kept clean.

f. Mixing different types of domestic waste generated from different businesses shall be avoided except where specially necessary for efficient transportation.

g. The detailed standards for a) through f) shall be specified in the Prime Minister Order.

2. Disposal standards

a. Domestic waste generated by a large volume generator shall be disposed of in the domestic waste disposal facility constructed by that waste generator or in common with other generators, or in the other domestic waste disposal facilities.

b. Landfill standards and methods

(1) The domestic waste shall be landfilled only in places posted as "Landfill Area for Domestic Waste." However, when landfilling one kind of domestic waste or two or more kinds of domestic waste that do not require measures for water pollution protection, they shall be recorded on the landfill area sign and the domestic waste shall be landfilled.

(2) Where there is possibility of water pollution due to leachate generated from the landfill area, a leachate disposal facility shall be constructed, and the generated leachate shall be treated to meet the generating permit standards pursuant to Article 8 of the "Water Environmental Preservation Act." However, if the water pollution protection measures are recognized as useless because the Landfilled domestic waste has no possibility of causing water pollution, other water pollution protection actions may not be taken.

(3) Where domestic waste is inappropriate for direct landfilling into the landfill area, the landfill shall be pre-treated, pursuant to the standards and methods notified by the Minister of Environment.

c. Incineration standards and methods

(1) Domestic waste shall be incinerated in incineration facilities that are approved by the Minister of Environment.

(2) In case of incineration in the incineration facility, the generating permit standards pursuant to Article 8 of the Air Environmental Preservation Law shall be observed.

(3) Offensive odors and dust shall not be discharged outside of the incineration facilities.

d. The disposal standards and methods excepting a) through c), and the concrete standards for b) and c) shall be specified in the Prime Minister Order.

Table 3. Standards for estimating deposit and refund (related to Article 14 through 16).

Items	Type and Size	Rate and Cost
1. Edibles/Beverages/ Cosmetics	a. Paper packs • 250 ml or less • more than 250 ml b. Metal cans • cover attached type • cover detached type c. Glass bottles • 350 ml or less • more than 350 ml	20/100 won/ea. 40/100 won/ea. 2 won/each 4 won/each 2 won/each 4 won/each
2. Insecticides/Butane gas products/Toxic products	a. Insecticide containers • 500 ml or less • more than 500 ml b. Butane gas containers c. Toxic substance containers • 500 ml or less • more than 500 ml	20 won/each 30 won/each 10 won/each 20 won/each 30 won/each
3. Electric cells	a. Mercury cells b. Oxidized silver cells c. Lithium cells d. Manganese cells and Alkali Manganese cells e. Nickel/Cadmium cells	100 won/each 50 won/each 120 won/kg 120 won/kg 120 won/kg
4. Tires	a. Large sizes b. Medium/small sizes c. Two-wheeled vehicle tires	500 won/each 150 won/each 50 won/each
5. Lubricant	• Lube oil	20 won/l
6. Electric home appliances	• TV • Washers	30 won/kg 30 won/kg
7. Synthetic resins		0.7 % of the selling price

- Notes:
1. Tires, item #4, are limited to tires excepting tires installed for new manufactured vehicles.
 2. Lubricant, item #5, is limited to only 65 percent of whole delivery volume from a warehouse.
 3. The selling price in item #7 shall be regarded as the supply price, pursuant to Article 13 of the Value-Added Tax Law.

Prime Minister Order To Implement the Waste Management Law

Full Text Revision 13 December 1991

Prime Minister Order No. 397

1. General Provisions of the Order

Article 1. (Purpose)

The purpose of these regulations is to stipulate the terms delegated in and necessary for implementing the Waste Management Law (hereinafter referred to as the "Law") and the President's Decree No. 13480 (hereinafter referred to as the "Decree").

Article 2. (Criteria of Special Waste Based on Hazardous Substance)

1. The substances that fall under the Halogen Family, among waste organic solvents classified into special waste, pursuant to Article 2 in the Decree and Table 1.4 in the Annex to the Decree are given in Table 1 in the Annex to this Order.

2. The substances that conform to non-Halogen Family, among waste organic solvents classified into special waste pursuant to Article 2 in the Decree and Table 1.4 in the Annex to the Decree are given in Table 2 in the Annex to this Order.

3. The substances considered to be slag, which is classified into special waste pursuant to Article 2 in the Decree and Table 1.7 through 1.14, and 1.17 in the Annex to the Decree, are given in Table 3 in the Annex to this Order.

Article 3. (Trust of Construction and Management for Regional Domestic Waste Disposal Facility)

A person or an organization that is entitled to be entrusted with construction and management of domestic waste disposal facility for a large area by the heads of local government, pursuant to Article 5.2 in the Law, shall be specified by the following categories:

- 1) Environmental Management Corporation
- 2) Local government associations by the Local Government Act, which are established for disposal of domestic waste for large area
- 3) A person who is appointed and notified by the Minister of Environment, and who is recognized as having the capabilities to construct and manage a large area domestic waste disposal facility.

Article 4. (Master Plan for Domestic Waste Disposal)

1. According to Article 8.1 and 8.2 in the law, the Mayor of the special city of Seoul, the Mayors of the cities under direct control of the national government, Governors of the provinces (hereinafter referred to as "Mayors/Governors") and Mayors of cities, County heads, Wards heads (heads of wards under municipalities; hereinafter referred to as same) shall establish a master plan for domestic waste disposal every 10 years and examine necessities of modifications every 2 years.

2. The master plan pursuant to Article 4.1 shall include the following:

- 1) An overview of population, residential types, industrial structure and distributions, and geographic conditions in the areas of their jurisdiction
- 2) The amount of generation by types and expected future generation of domestic waste
- 3) The status and the plan of domestic waste disposal
- 4) The details of resource conservation (e.g., recycling and reduction of domestic waste)
- 5) The status and the plan of domestic waste disposal facility construction

6) The details of collection, transportation, storage and treatment of the equipment and receptacles

7) The plan of securing required financial resources.

Article 5. (Deciding on a Waste Disposal Facility Construction Plan and Its Notification)

The Minister of Environment or Mayors/Governors shall announce the items in the following categories without delay, when they decide or change the waste disposal facility construction plan, pursuant to Article 9 in the Law:

- 1) Facility name
- 2) Location
- 3) Design plan
- 4) Size or scale
- 5) The time of construction
- 6) Project builder
- 7) Other necessary items for construction of waste disposal facility.

2. Collection, Transportation, Disposal of Waste

Section 1. Domestic Waste

Article 6. (Exclusion from Domestic Waste Control Area)

1. The designated standards of the regions that Mayors/County and Ward Heads may exclude from domestic waste control areas, pursuant to Article 12 in the Law, that fall into the following categories:

1) An area that has fewer than 50 houses

2) An area where the collection and transportation of domestic waste are impossible due to the difficulties of vehicle access (e.g., a remote place in the mountains, secluded isles, etc.)

2. The Mayors/County and Ward Heads are entitled to designate the whole or partial region as domestic waste control area for the limited period of time when there are many visitors, e.g., sightseeing areas or other corresponding areas, such as public beaches or National parks where many people gather, in spite of the stipulations of Article 6.1.

Article 7. (Collection, Transportation, and Disposal Standards of Domestic Waste)

The standards and methods of collection, transportation, and disposal of domestic waste, pursuant to the stipulations of Article 13.3 in the Law, are given in Table 4 in the Annex to this Order.

Article 8. (Reports by Generators of a Large Volume Domestic Waste)

According to the stipulations of Article 14.1 in the Law, a large volume waste generator shall submit the report by filling out Form No. 1 or Form No. 2 in the Annex to the Mayors/County and Ward Heads within 1 month after the date of a large volume domestic waste discharge.

Article 9. (Detailed Standards about Collection, Transportation, and Disposal of Domestic Waste by a Large Volume Waste Generator)

According to Article 7 in the Presidential Decree, and Tables 2.1.g and 2.2.d in the Annex to the Presidential Decree, the detailed standards for collection, transportation, and disposal of domestic waste by a large volume waste generator are given in Table 5 in the Annex to this Order.

Article 10. (Construction Standards of Domestic Waste Storage Facilities or Containers)

The construction standards for domestic waste storage facilities or containers, stipulated in Article 16.1 in the Law, are given in Table 6 in the Annex to this Order.

Article 11. (Improvement Period of Domestic Waste Storage Facilities or Containers)

1. When the Mayors/County and Ward Heads order measures of improvement or change to domestic waste storage facilities or receptacles, pursuant to the stipulations of Article 16.2 in the Law, the Mayors/County and Ward Heads shall decide the period of time within 1 year, after considering the measures necessary to complete the improvement and facility types, etc.

2. The Mayors/County and Ward Heads are entitled to extend the period of time within 6 months by request, where the measures of improvement have not been completed within the given period, due to natural disasters or unavoidable reasons, pursuant to the stipulation of Article 11.1.

Article 12. (Permission for Domestic Waste Disposal Service)

1. The permission requirements, such as facilities, equipment, and technical abilities that should be met by those who intend to conduct domestic waste disposal service, pursuant to the stipulations in Article 17.1 in the Law, are given in Table 7 in the Annex to this Order.

2. Anyone who intends to obtain a permit shall submit a "Plan of Business" (Form No. 3) accompanied by documents satisfying the following categories to the Mayors/Governors concerned. The same is required when one intends to change the contents of a "Plan of Business" related to the permit requirements:

- 1) Collection/transportation of domestic waste on disposal target or a plan of disposal
- 2) A plan for facility construction or equipment security
- 3) A plan for technical ability to maintain security.

3. The Mayors/Governors shall review a "Plan of Business" submitted by the stipulation of Article 12.2 and notify the applicant whether the business plan is appropriate or not.

4. Anyone who is notified of the propriety of a business plan, pursuant to Article 12.3, shall complete the permit requirements, such as facilities, equipment, technical abilities, and submit an "Application for Permit" (Form No. 4) accompanied by documents satisfying the following categories to the Mayors/Governors within 1 year after the day of propriety notice (6 months in case of domestic waste collection and transportation service, 3 years in case where landfilling or incineration facility for domestic waste disposal service is necessary):

- 1) An identification paper (a transcript of corporation registration and identification papers of staffs in the case of a corporation)
- 2) A detailed statement of facilities and equipment
- 3) A detailed statement of disposal facility construction, the plan and disposal process program (limited to the intermediate and final disposal service of domestic waste)

4) Reserved condition of technical abilities and documents that ensure the qualification

5) Documents that ensure capitals or estates

6) A post-management plan of domestic waste disposal facilities (limited to the landfilling facility).

5. The Mayors/Governors are entitled to extend the certain period of time within 1 year of the application (6 months in case of domestic waste collection and transportation, 2 years in case of the final disposal service of domestic waste) in cases where the person has not applied within the period given due to natural disasters or unavoidable reasons, pursuant to the stipulation of Article 12.4.

6. When Mayors/Governors issue a permit for a business of domestic waste disposal, they shall issue a "Certificate of Permit" (Form No. 5) to the applicant.

Article 13. (Approval for Modifying Permit Items of Domestic Waste Disposal Service)

1. Items that require a permit for modification of domestic waste disposal service, pursuant to the latter part of Article 17.1 in the Law, are:

1) Change of a representative or a firm name

2) Change of business offices or business area

3) Increase or decrease of the number of transportation vehicles, or scrapping the vehicles (limited to the domestic waste collection and transportation services)

4) Establishment of domestic waste disposal facilities (limited to establishment in the jurisdictional areas where Mayors/Governors have permitted the intermediate or final disposal service of domestic waste) or change of the volume of disposal.

2. When a domestic waste disposal contractor intends to change one of any categories in Article 13.1, he shall submit an "Application for Modification Permit" (Form No. 4) accompanied by documents that ensure the contents of the modification and a license to Mayors/Governors.

Article 14. (Reissue of a License)

Where a domestic waste disposal contractor has lost his license or the license has become totally worn out, he shall submit an "Application for Reissue of License" (Form No. 6) accompanied by documents satisfying the following categories to the Mayors/Governors, and he shall return the license to the Mayors/Governors without delay when he finds the lost license after obtaining a reissued license:

- 1) A written statement for reasons in case of losing a license
- 2) The license itself in cases where it has become worn out.

Article 15. (Construction Standards of Domestic Waste Disposal Facilities)

The construction standards of domestic waste disposal facilities, pursuant to the stipulation of Article 20.1 in the Law, are given in Table 8 in the Annex to this order.

Article 16. (Approval of Construction of Domestic Waste Disposal Facilities, etc.)

1. Anyone who intends to construct domestic waste disposal facilities, pursuant to the stipulation of Article 20.2 in the Law, shall submit an "Application for Construction Approval of Domestic Waste Disposal Facility" (Form No. 7) accompanied by documents satisfying the following categories to the Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration:

- 1) A construction plan for the domestic waste disposal facility
- 2) The results of a feasibility study for the construction of facilities including items notified by the Minister of Environment (limited to the landfill facility with a landfill area more than 10,000 m² or a landfill volume more than 30,000 m³ and the incineration facility with a daily incineration capability more than 50 tons)
- 3) A plan for a domestic waste disposal facility
- 4) A post-management plan for a domestic waste disposal facility (limited to the landfill facility)

2. The important items required for a modification approval, pursuant to the stipulation of the latter part of Article 20.1 in the Law, are:

- 1) Change of disposal capacity
- 2) Change of primary equipment
- 3) Change of post-management plan for landfill facilities.

3. Anyone who intends to change items in one of categories in Article 16.2 among people who have been approved to construct domestic waste disposal facilities shall submit an "Application for Approval of Construction Modification of Domestic Waste Disposal Facility" (Form No. 7) accompanied by documents that ensure the contents of the modification, to the Minister of Environment, Mayors/ Governors, or Regional Administrators of Environmental Administration.

Article 17. (Report to Use Domestic Waste Disposal Facility)

Anyone who intends to construct a domestic waste disposal facility, pursuant to the stipulation of Article 20.3 in the Law, shall submit an "Application for Commencement of Use" (Form No. 8 or Form No. 9) accompanied by the maintenance and management plan of the facility by 10 days before commencement day to the Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration.

Article 18. (Standards for Operation and Maintenance of Domestic Waste Disposal Facility)

The operation and maintenance standards for domestic waste disposal facilities, pursuant to the stipulations of Article 20.4 in the Law, are given in Table 9 in the Annex to this Order.

Article 19. (Improvement Period of Domestic Waste Disposal Facility)

1. The Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration shall decide the period (within 1 year in case of an improvement order and within 6 months in case of a suspension order) after consideration of measures necessary for improvement and type of facilities, when they shall issue an order for improvement of domestic waste disposal facilities or suspension of business, pursuant to the stipulations of Article 20.5 in the Law.

2. The Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration are entitled to extend the period of time within 6 months, in cases where the improvement measures have not been completed within the period given, due to the natural disasters or unavoidable reasons pursuant to the stipulation of Article 19.1.

3. When the reasons causing the source of the order for suspension of business are resolved during the period of suspension pursuant to Article 19.1, the builder or manager of a domestic waste disposal facility shall report the situation to the Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration.

4. When the Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration receive the report pursuant to Article 19.3, they shall investigate and confirm the truth without delay, and they shall recall the order in cases where it is recognized that the causes have been resolved.

Article 20. (Application for Approval of Design and Construction by Other Than Designers and Builders of Domestic Waste Disposal Facilities)

1. Anyone who is not a designer or builder of domestic waste disposal facilities, who intends to design and construct domestic waste disposal facilities, pursuant to the exclusion of Article 21.1 in the Law, shall submit an "Application for Approval of Design and Construction" (Form No. 10) with the following attachments to the Regional Administrators of Environmental Administration:

- 1) An explanation of an outline of the facility
- 2) Accounts of expenses for construction
- 3) Design plan
- 4) Documents specifying the location, capacity, and disposal procedures of the facility
- 5) Documents verifying ability of design and construction.

2. The Regional Administrators of Environmental Administration shall issue an "Approval for Design and Construction of Domestic Waste Disposal Facility" (Form

No. 11) to the applicant, when he approves the design and construction pursuant to Article 20.1.

Article 21. (Case of Design and Construction by Other Than Designers and Builders of Domestic Waste Disposal Facilities)

"In other cases stipulated in the Prime Minister Order" in category 3) of Article 21.1 indicates the facilities that the Minister of Environment recognizes as rare facilities that dispose of domestic waste with nongeneralized disposal methods.

Article 22. (Qualifications of Construction Supervisor)

"A qualified person specified in the Prime Minister Order" in Article 21.2 of the Law indicates the designer and builder of a domestic waste disposal facility pursuant to Article 21.3.

Article 23. (Registration of Design and Construction Service of Domestic Waste Disposal Facilities)

1. The requirements for registration, such as facilities, equipment, and technical abilities requisite to people who intend to register businesses conducting design and construction of domestic waste disposal facilities (hereinafter referred to as "design and construction service") pursuant to Article 21.3 i of the Law, are given in Table 10 in the Annex to this Order.

2. Anyone who intends to register a business to design and construct domestic waste disposal facilities shall submit an "Application for Registration of Design and Construction Service of Domestic Waste Disposal Facility" (Form No. 12) with the following attachments to the Regional Administrators of Environmental Administration who have the jurisdictions over districts having the facilities:

1) An identification paper (a transcript of corporation registration and identification papers of staffs in the case of a corporation)

2) A detailed statement of facilities and equipment (or contract of measurement execution by proxy, in the case of a vicarious execution contract with an assigned measurement agent who meets the requirements of facilities and equipment, pursuant to the stipulations of Article 39 in the Enforcement Regulations of the Air Environ-

ment Preservation Law and Article 51 in the Enforcement Regulations of the Water Environment Preservation Law)

3) Reserved condition of technical abilities and documents that ensure the qualification

4) Documents that ensure capitals or estates

5) Documents that ensure a license appropriate to a relevant field pursuant to the Construction Law.

3. When the Regional Administrators of Environmental Administration receive a registration for a business of domestic waste disposal, they shall issue a "Certificate of Registration" (Form No. 13) to the applicant.

Article 24. (Registration To Modify Registered Items of Design and Construction Service)

1. *Items that require a registration for modification of registered items of design and construction service, pursuant to the latter part of Article 21.3 in the Law, are:*

1) Change of a representative

2) Change of business offices or laboratories

3) Change of the name of business office or firm

4) Change of capitals or estates

5) Change of technical abilities

6) Transfer, inheritance, or amalgamation of design and construction services

7) Modification of permission contents according to the Construction Law.

2. When a contractor who has registered for design and construction intends to change one of any categories in Article 24.1, he shall submit an "Application for Modification Registration of Design and Construction of Domestic Waste Disposal Facility" (Form No.12) accompanied by documents that ensure contents of modification

and a license to the Regional Administrators of Environmental Administration who have jurisdiction over districts having the facilities.

Article 25. (Qualifications of Construction Supervisor)

"A qualified person specified in the Prime Minister Order" in the latter part of Article 23.2 of the Law indicates a person who does a same business with a person whose permit has been canceled or whose business has been suspended pursuant to Article 22, among people registered to perform design and construction services.

Section 2. Special Waste

Article 26. (Report for Special Waste Generators)

1. The special waste generators shall submit a "Report for Special Waste Generator" (Form No. 14) with the following attachments to the Regional Administrators of Environmental Administration who have jurisdiction over districts producing special waste within 1 month after the beginning date of a business pursuant to Article 24.2 of the Law:

- 1) The plan of manufacturing process
- 2) The details of types, constituents, and expected generating volume of special waste
- 3) A disposal plan by the type of special waste
- 4) A construction detail or a construction plan (in case of self-disposal) of a special waste disposal facility.

2. Any special waste generator who falls under one of the following categories may not report as a special waste generator, in spite of the stipulation of Article 26.1:

- 1) Where the generating amount of each waste such as waste organic solvents, slag, waste molding sand, waste sand generated from sandblast (hereinafter referred to as "waste sand"), waste fire resistant material, pieces of pottery that are enameled before secondary bake (hereinafter referred to as "pieces of pottery"), incineration ashes, disposal materials for stabilization and solidification, waste

catalyzers, waste adsorbent, waste absorbent, waste agricultural chemicals, or designated sludge are less than 50 kg/month or where the total amount of the generating waste is less than 100 kg/month

2) Where the amount of each generating waste of waste acid, waste alkali, waste oil, waste synthetic high polymers, or waste asbestos are less than 100 kg/month or where the total amount of the waste is less than 200 kg/month

3) Where the amount of each generating waste of sludge from wastewater treatment or manufacturing process, waste plaster, waste lime, or carcasses are less than 500 kg/month or where the total amount of the waste is less than 1,000 kg/month

4) Where the total generating volume of special waste is less than 1,000 kg/month

3. The Regional Administrator of Environmental Administration who has received a report pursuant to Article 26.1, shall issue a certificate of report on special waste generator to the reporter.

4. The special waste generator who has reported, pursuant to the stipulation of Article 26.1, shall submit a "Report on Modification of Special Waste generator" (Form No. 14) with an attachment of a certificate of report on special waste generator to the Regional Administrator of Environmental Administration within 1 month after the date of occurrence of a cause, where it falls under one of following categories:

1) Where the generating volume of reported special waste increases or decreases more than 50/100

2) Where more than 50 kg/month of a special waste that was not generated at the time of report is generated.

Article 27. (Recording and Keeping Records of the Generating Special Waste Volume)

The forms of record books that should be recorded and kept by special waste generators, pursuant to the stipulation of Article 24.3 of the law, are given in Table 16 in the Annex to this Order.

Article 28. (Builders and Managers of Public Disposal Facilities)

"Any other person stipulated in the Prime Minister Order" in Article 25.2 of the Law designates a person who falls under one of following categories:

- 1) Mayors/Governors or Mayors/Heads of County and Wards
- 2) Environmental Management Corporation
- 3) A person who is recognized as having the abilities to construct and manage public disposal facilities, and who is so designated, by the Minister of Environment.

Article 29. (Consignment Fee for Public Waste Disposal Facilities)

The Minister of Environment shall specify and notify the consignment fee by public disposal facilities, pursuant to the stipulations of Article 25.3, after consideration of the following items:

- 1) The expense of construction and operation of the public waste disposal facility for disposal of particular types of special waste
- 2) The expense of collection and transportation of the special waste by the builder and operator of public disposal facilities
- 3) The minimum restoration expense for residents adjacent to public disposal facilities.

Article 30. (Collection and Transportation Standards, Methods of Special Waste)

The standards and methods of special waste collection and transportation, pursuant to the stipulation of Article 25.4 in the Law, are given in Table 11 in the Annex to this Order.

Article 31. (Disposal Standards and Methods of Special Waste)

The standards and methods of special waste disposal, pursuant to the stipulation of Article 25.4 in the Law, are given in Table 12 in the Annex to this Order.

Article 32. (Measure Period for Modification of Special Waste Disposal Methods)

Where the Regional Administrators of Environmental Administration intend to order measures of modification of special waste disposal methods, etc., pursuant to stipulation of Article 25.5 in the Law, the Regional Administrators of Environmental Administration shall specify the period within 6 months after consideration of difficulties of measures necessary to modification.

Article 33. (Permit for Special Waste Disposal Service)

1. Permit requirements for individuals who intend to conduct special waste disposal service such as facilities, equipment, and technical abilities, pursuant to Article 26.1 of the Law, are given in Table 13 in the Annex to this Order.

2. Anyone who intends to obtain a permit for special waste disposal service shall submit a "Business Plan of Special Waste Disposal Service" with the following attachments to the Regional Administrators of Environmental Administration in charge of the areas where the main facilities will be constructed. The modification of contents of the business plan are related to the permit requirements required for the same procedure:

1) The collection, transportation, or disposal plan for the disposal of target special waste

2) The plan for facility construction or equipment security

3) The plan for technical ability to maintain security.

3. The Regional Administrators of Environmental Administration shall check the business plan submitted by the stipulations of Article 33.2, and notify the applicant whether or not the business plan is appropriate.

4. Anyone who has received a notification of approval for a business plan, pursuant to Article 33.3, shall submit an "Application for Permit" (Form No. 18) with the following descriptions after furnishing permit requirements such as facilities, expenditure, and technical ability, etc. to the Regional Administrators of Environmental Administration within 1 year (6 months in cases of special waste collection and transportation service, 3 years in cases where landfilling facilities or incineration

facilities for special waste disposal services are needed) from the date when the notification of approval was received:

1) An identification paper (a transcript of corporation registration and an identification paper of a representative in the case of a corporation)

2) A detailed statement of facilities and equipment

3) A detailed statement of disposal facility construction, the plan and disposal process program (limited to the intermediate and final disposal service of domestic waste)

4) A disposal process program of disposal target special waste (a collection and transportation plan in the case of a special waste collection and transportation service)

5) Reserved condition of technical abilities and documents that ensure the qualification

6) Documents that ensure capitals or estates

7) A post-management plan of domestic waste disposal facilities (limited to the landfilling facility).

5. The Mayors/Governors are entitled to extend the given period of time within 1 year (6 months in the case of special waste collection and transportation, 2 years in the case of the final disposal service of special waste) by the application, in cases where the person has not applied within the period given, pursuant to the stipulation of Article 33.4, due to natural disasters or other unavoidable reasons.

6. When the Regional Administrator of Environmental Administration issues a permit for a business of special waste disposal, they shall issue a "Certificate of Permit" (Form No. 19) to the applicant.

7. Anyone who has obtained a permit for a special waste disposal service, pursuant to the stipulation in Article 33.1, shall comply with the items regulated in Table 14 in the Annex to this Order.

Article 34. (Approval for Modifying Permit Items of Special Waste Disposal Service)

1. Items that require approval for modifying a special waste disposal service permit, pursuant to the latter part of Article 26.1 in the Law, are:

- 1) Change of a representative or a firm name
- 2) Change of special waste, including the collection, transportation, or disposal of the targeted waste
- 3) Change of business offices or business area
- 4) Increase or decrease of the number of transportation vehicles, or scrapping the vehicles (limited to the special waste collection and transportation services)
- 5) Establishment of special waste disposal facilities (limited to establishment in the jurisdictional areas where Regional Administrators of Environmental Administration have permitted the intermediate or final disposal service of special waste) or change of the volume of disposal
- 6) Change of primary equipment.

2. When a special waste disposal contractor intends to change one of any categories in Article 34.1, he shall submit an "Application for Modification Permit" (Form No. 18) accompanied by documents that ensure contents of modification and a permit license to the Regional Administrator of Environmental Administration.

Article 35. (Reissue of a Permit License)

In cases where a special waste disposal contractor has lost his license or the license has become totally worn out, he shall submit an "Application for Reissue of License" (Form No. 20) accompanied by documents satisfying the following categories to the Regional Administrator of Environmental Administration, and he shall return the license to the Regional Administrator of Environmental Administration without delay when he finds the lost license after obtaining a reissued license:

- 1) A written statement for reasons in case of losing a license
- 2) The license itself in the case where it has become worn out.

Article 36. (Report of Transport and Disposal of Special Waste)

Anyone who transports or disposes of special waste that falls under one of the following categories, pursuant to the stipulation of Article 27 in the Law, shall report particulars related to the transportation or disposal of the special waste to the Regional Administrator of Environmental Administration, specified by a notification of the Minister of Environment:

1) Polychlorinated biphenyl (PCB) waste

2) Special waste generated from a business whose generating amount of each waste such as waste organic solvents, slag, waste non-ferrous metal, waste sand, waste fire resistant material, pieces of pottery, incineration leftovers, disposal materials for stabilization and solidification, waste catalyzers, waste inhalants, waste absorbent, waste agricultural chemicals, or designated sludge is more than 50 kg/month

3) Special waste generated from a business whose amount of each generating waste of waste acid, waste alkali, waste oil, waste synthetic high polymers, or waste asbestos is more than 100 kg/month.

Article 37. (Standards for Construction of Special Waste Disposal Facilities)

The standards for construction of special waste disposal facilities, pursuant to the stipulation of Article 28.1 in the Law, are given in Table 15 in the Annex to this Order.

Article 38. (Construction Approval of Special Waste Disposal Facilities)

1. Anyone who intends to construct a special waste disposal facility, pursuant to Article 25.2 of the Law, shall submit an "Application for Construction Approval of Special Waste Disposal Facility" (Form No. 21) with attachments of the following documents to the Minister of Environment for public waste disposal facilities and, pursuant to Article 28.2 of the Law, to the Regional Administrator of Environmental Administration in charge of the areas where the main facilities will be constructed:

1) The details of special waste generation and a plan of manufacturing process of the service generating disposal of the target special waste

2) The details of types, constituents, and expected generating volume of special waste

- 3) A disposal plan of special waste targeted disposal
- 4) The plan of construction and equipment security of a special waste disposal facility
- 5) The design plan of a special waste disposal facility
- 6) The disposal plan of waste that is generated after disposal
- 7) The post-management plan of a special waste disposal facility (limited to the landfill facility).

2. The important items required for a modification approval, pursuant to the stipulation of the latter part of Article 28.2 in the Law, are:

- 1) Change of special waste targeted for disposal
- 2) Change of the site of a disposal facility
- 3) Change of disposal capacity
- 4) Change of primary equipment
- 5) Change of post-management plan (limited to the landfill facility).

3. Anyone who intends to change items in one of the categories in Article 38.2, among people who have been approved to construct special waste disposal facilities, shall submit an "Application for Approval of Construction Modification of Special Waste Disposal Facility" (Form No. 21) accompanied by documents that ensure contents of modification to the Minister of Environment or Regional Administrator of Environmental Administration.

Article 39. (Report To Use Special Waste Disposal Facility)

Anyone who intends to construct a special waste disposal facility, pursuant to the stipulation of Article 28.3 in the Law, shall submit an "Application for Commencement of Use" (Form No. 22 or Form No. 23) accompanied by the maintenance and management plan of the facility by 10 days before commencement day to the Minister of Environment or Regional Administrator of Environmental Administration.

Article 40. (Standards for Maintenance of Special Waste Disposal Facility)

The standards for maintenance of special waste disposal facilities, pursuant to Article 28.4 in the Law, are given in Table 16 in the Annex to this Order.

Article 41. (Improvement Period of Special Waste Disposal Facility)

1. The Minister of Environment or Regional Administrators of Environmental Administration shall decide the period within 1 year in case of an order for improvement and within 6 months in the case of a suspension order after considering measures necessary for improvement and type of facilities, when they issue an order for improvement of special waste disposal facilities or suspension of business, pursuant to the stipulations of Article 28.5 in the Law.

2. The Minister of Environment or Regional Administrators of Environmental Administration are entitled to extend the period of time within 6 months, in cases where the improvement measures have not been completed within the period given due to the natural disasters or unavoidable reasons, pursuant to the stipulation of Article 41.1.

3. When the reasons of the order for suspension of business are resolved during the period of suspension pursuant to Article 41.1, the builder or manager of a special waste disposal facility shall report the situation to the Minister of Environment or Regional Administrators of Environmental Administration.

4. When the Minister of Environment or Regional Administrators of Environmental Administration receive the report pursuant to Article 41.3, they shall investigate and confirm the truth without delay, and they shall rescind the order where it is recognized that the causes are resolved.

3. Control of Waste Generation, Reuse, etc.

Article 42. (Report of Waste Reuse)

1. Anyone who intends to reuse domestic waste, pursuant to the stipulation of Article 31.1 in the Law, shall submit a "Report for Reuse of Domestic Waste" (Form No. 24) with attachments of the following documents within 10 days of the commencement of reuse, to Mayors/Governors in charge of the facility:

- 1) A description of uses and methods of domestic waste reuse
- 2) A plan for maintaining the security of domestic waste targeted for reuse
- 3) A plan of collection, transportation, and storage of domestic waste
- 4) A disposal plan for waste generated from reuse.

2. Anyone who intends to reuse domestic waste, pursuant to the stipulation of Article 31.1 in the Law, shall submit a "Report for Reuse of Special Waste" (Form No. 25) with attachments of the following documents within 10 days before commencement of reuse (before equipment of facility in cases where they have to equip the facilities, pursuant to Article 43) to the Regional Administrator of Environmental Administration in charge of the facility:

- 1) A description of uses and methods of special waste reuse
- 2) A plan for maintaining the security of special waste targeted for reuse
- 3) A plan of collection, transportation, and storage of special waste
- 4) A disposal plan of waste generated from reuse.

3. The Mayor/Governor or Regional Administrator of Environmental Administration who has received a report pursuant to Article 42.1 or 42.2, shall issue a certificate of report on waste reuse (Form No. 26 or 27) to the reporter.

4. Anyone who intends to change items in one of the following categories, among people who have reported the waste reuse, shall submit a "Report on Modification of

Waste Reuse" (Form No. 24 or 25) accompanied by a certificate of report to the Mayor/Governor or Regional Administrator of Environment Administration:

- 1) Change of types of waste targeted for reuse
- 2) Change of uses or methods of waste reuse
- 3) Change of a business area of waste reuse
- 4) Change of a representative or a firm name.

Article 43. (Waste Types That Require Facilities for Reuse)

1. "Anyone who intends to reuse waste, specified in the Prime Minister Order" in Article 31.2 of the Law, refers to people who intend to reuse waste lubricating oil used in automobiles as fuel oil, pursuant to Article 3 in the Automobile Management Law or the Munitions Management Law, and heavy machinery, pursuant to Article 2 in the Heavy Machinery Management Law.

2. The facilities, equipment, and technical abilities that should be supplied by the person who intends to reuse the waste stipulated in Article 43.1, pursuant to Article 31.2 in the Law, are given in Table 17 in the Annex to this Order.

Article 44. (Products Containing Water Pollutant Targeted for Collection)

"Substances specified in the Prime Minister Order" in Article 32.2 of the Law, refer to substances in Table 18 in the Annex to this Order.

Article 45. (Report on the Delivery and Actual Import Record of Products)

The manufacturers and importers who are supposed to pay the deposit, pursuant to stipulation of Article 15.1 in the Presidential Decree, shall submit a "Report on the Delivery and Actual Import Record of Products" with attachments of the following documents to the Minister of Environment:

- 1) A copy of a business certificate
- 2) Documents that ensure delivery record of products such as a statement of accounts, or documents that ensure actual import record such as an import approval certificate

3) The basic data on deposit computation by each product (limited to manufacturers).

Article 46. (A Payment Notice of Deposit)

A deposit payment notice for a manufacturer, pursuant to Article 15.2 in the Presidential Decree, is given in Table 29 in the Annex to this Order.

Article 47. (Installment of Deposit)

1. The divided payments of deposit, pursuant to Article 15.2 in the Presidential Decree, is limited to the case where the computed deposit is more than 1,000,000 won.

2. In case of divided payments, pursuant to Article 47.1, the deposit should be divided equally into 4 installments. The first installment payment should be deposited by April 15th, the second payment by June 15th, the third payment by August 15th, and the fourth session payment by October 15th.

3. Anyone who intends to pay in installments, pursuant to Article 47.1 and 47.2, shall submit an "Application for Divided Payments of Deposit" (Form No. 30) accompanied by the details of current assets on December 31st of the preceding year to the Minister of Environment at the same time of a report pursuant to Article 45.

4. Where the Minister of Environment has received a report pursuant to Article 47.3, he shall notice divided payments (Form No. 29) by 15 days before divided payments due pursuant to Article 47.2, instead of a payment notice pursuant to Article 46.

Article 48. (Voluntary Payments of Deposit by Importers)

Voluntary payments of deposit by importers, pursuant to Article 15.4 in the Presidential Decree, follows Form No. 31.

Article 49. (Request for Deposit Refund)

A manufacturer or importer who expects to receive a refund, pursuant to Article 17.1 in the Presidential Decree, shall submit a "Request for Deposit Return" (Form No. 32) with attachments of the following documents to the Minister of Environment:

- 1) A computed detail of the amount of requested repayments by each product
- 2) A copy of a receipt for deposit payments
- 3) A copy of documentary evidence for collection and disposal (limited to the case where a manufacturer or importer collects and disposes)
- 4) A copy of a consignment contract for collection and disposal and a copy of documentary evidence for collection and disposal conducted by a consignee (limited to the case of consignment for collection and disposal)
- 5) An account of actual required expenses by collection and disposal methods.

Article 50. (Decision on Payment of Refund)

The form of "Decision on Payment of Refund," pursuant to Article 17.2 of the Presidential Decree, follows Form No. 33.

Article 51. (Request of Refund for Products Not Imported)

1. In cases where an importer does not import or exports the whole or partial products due to unavoidable reasons, pursuant to Article 17.1 of the Presidential Decree, the importer shall submit a "Request of Importer Deposit Return" (Form No. 34) with attachments of the following documents to the Minister of Environment:

- 1) A copy of an approval of modification for import-approved items or a copy of documentary evidence for export
- 2) A copy of a receipt for deposit payments.

2. In cases where the Minister of Environment has received a return request pursuant to Article 51.1, the Minister of Environment shall issue a "Decision on

Payment of Return Deposit" (Form No. 33) to the applicant, after confirmation of the request.

Article 52. (Payment Notice of the Balance, according to Adjustment of Deposit)

A payment notice pursuant to stipulation of Article 19.2 in the Presidential Decree, follows Form No. 29.

4. Guidance and Supervision of Waste Disposal Contractor

Article 53. (Qualification Standards of Technical Manager)

The qualification standards of technical managers, pursuant to Article 39.2 in the Law, are given in Table 19 in the Annex to this Order.

Article 54. (Observance Rules for Technical Manager)

The rules that technical managers shall observe, pursuant to Article 39.2 in the Law, shall be as follows:

- 1) Check whether the facilities operate normally and record the results on the operation logbook
- 2) In cases where a functional matter is confirmed, report the matter to the builder or manager immediately and have the functional matter repaired promptly
- 3) Check whether the neighbors or environments are damaged by construction or management of the facility, when damage or the risk of damage is judged to exist, and if so, take measures to remove or prevent the damage, and record and keep the contents of measures.

Article 55. (Vicarious Execution Contract for Technical Management)

1. The requirements of a vicarious execution contract for technical management, pursuant to Article 39.2 in the Law, shall be as follows:

- 1) Checklists by each pertinent disposal facility, pursuant to Article 24 in the Presidential Decree
- 2) The enforcement times and methods of technical management.

2. The checklists, pursuant to Article 55.1.1 are given in Table 20 in the Annex to this Order.

Article 56. (Assignment of Technical Personnel and Training Institution)

1. Training of technical personnel in charge of waste disposal that requires training and waste disposal contractors, pursuant to Article 40.2 in the Law, shall be conducted at least twice every 3 years, and the institution that conducts training (hereinafter referred to as "training institution") shall be one of the following:

1) National Environmental Research Institute

2) Environmental Preservation Associations pursuant to the stipulation of Article 38 in the Environmental Policy Fundamental Law

3) Agencies recognized and designated by the Minister of Environment as having appropriate training abilities.

2. People who should be trained in training institutions specified in Article 56.1 shall be one of the following:

1) In the National Environmental Research Institute

a. Any builder of a special waste disposal facility or any technical personnel hired by the builder, pursuant to Article 2 in the Law

b. Any technical personnel hired by a person who builds and manages a public special waste disposal facility, pursuant to Article 25.2 in the Law

c. Anyone who has obtained a permit for special waste disposal service or any technical personnel hired by him, pursuant to Article 26.2 in the Law

d. Anyone who disposes of special waste for reuse or any technical personnel hired by him, pursuant to Article 31.1 in the Law

e. Any technical manager of special waste disposal facilities or any builder who takes technical charge of the facility for himself, pursuant to Article 39 in the Law

f. Anyone specified by the Minister of Environment as having had the training assigned in Article 56.2.2

2) In the Environmental Preservation Associations

a. Any builder of a domestic waste disposal facility or any technical personnel hired by the builder pursuant to Article 2 in the Law

b. Any technical personnel hired by a large volume domestic waste generator, pursuant to Article 14.1 in the Law

c. Anyone who has obtained a permit for domestic waste disposal service or any technical personnel hired by him, pursuant to Article 17.2 in the Law

d. Anyone who designs and constructs a domestic waste disposal facility or any technical personnel hired by him, pursuant to Article 24.1 in the Law

e. Any large volume special waste generator or any technical personnel hired by him, pursuant to Article 24.1

f. Anyone who disposes of domestic waste for reuse or any personnel hired by him, pursuant to Article 31.1 in the Law

g. Any technical manager of domestic waste disposal facilities or any builder who takes technical charge of the facility for himself, pursuant to Article 39.

3) In Agencies specified in Article 56.1.3

Anyone who is specified by the Minister of Environment among people who are the objects of training by the stipulations of Group a through e in Article 56.1.

Article 57. (Training Course, etc.)

1. The course of training that should be completed by people who are in charge of waste disposal, pursuant to Article 40.2 in the law, shall be as follows:

- 1) A course for domestic waste disposal
- 2) A course for large volume domestic waste generators
- 3) A course for domestic waste reusers
- 4) A course for special waste generators
- 5) A course for special waste disposal contractors
- 6) A course for special waste reusers.

2. The training period of training courses, pursuant to Article 57.1, shall be within 14 days.

Article 58. (Training Plan)

1. The head of the training institution shall submit a training plan classified by training courses for the following year, pursuant to the stipulations of Article 57, to the Minister of Environment by 30 November and shall obtain a permit.

2. The training plan, pursuant to Article 58.1, shall include the following:

- 1) A master plan of training
- 2) The results of training demand research and the estimation of a long-term training demand
- 3) The establishment plan of training courses
- 4) The goal, curriculum, period, and number of persons of training by training courses
- 5) The selection standards and plans for individuals targeted for training
- 6) The compiled plan of teaching materials
- 7) The evaluation methods of training results
- 8) Any other necessary items for training.

Article 59. (Selection and Registration of Trainee)

1. The Minister of Environment shall notify the Mayors/Governors or Regional Administrators of Environmental Administration of its approval by 31 January of each year, when the Minister of Environment has approved the training plan pursuant to Article 58.

2. The Mayors/Governors or Regional Administrators of Environmental Administration shall select individuals from the following classifications in their

jurisdiction boundaries and shall notify the heads of training institutions of the nominal list by 15 days before training commencement:

1) Training courses that Mayors/Governors should select for individuals targeted for training are:

- a. A course for domestic waste disposal contractors
- b. A course for large volume domestic waste generators
- c. A course for domestic waste reusers.

2) Training courses that Regional Administrators of Environmental Administration should select for individuals targeted for training are:

- a. A course for special waste generators
- b. A course for special waste disposal contractors
- c. A course for special waste reusers.

3. The Mayors/Governors or Regional Administrators of Environmental Administration shall notify people who hire individuals targeted for training of the required training immediately, when they have selected individuals targeted for training pursuant to Article 59.2.

4. Anyone who is selected as an individual targeted for training shall register with the competent training institution before training commences

Article 60. (Report of Training Results)

The heads of training institutions shall report the training results of each term (four terms a year) to the Minister of Environment within 15 days after expiration of each term, when they conduct training pursuant to Article 40 in the Law.

Article 61. (Guidance)

The Minister of Environment is entitled to have government heads report on training enforcement, or to submit the relevant data, and to have relevant officials guide training phases, facilities, or other items related to the training, where necessary.

Article 62. (Cooperation for Data Submission)

The waste disposal contractors or waste generators shall cooperate and submit data for effective performance of training pursuant to Article 40 in the Law, when the Mayors/Governors or Regional Administrators of Environmental Administration ask for submission of the following data:

- 1) A nominal list of technical personnel attached
- 2) The actual conditions of personnel who have completed training
- 3) Any other data necessary for training.

Article 63. (Training Expense)

The training institutions are entitled to collect actual expenses required for training from the employers of technical personnel who have completed training up to the amount specified by the Minister of Environment.

Article 64. (Recording Details of Waste Disposal)

The logbooks that waste disposal contractors should record and keep, pursuant to Article 41 in the Law, shall be as follows:

- 1) Domestic waste disposal contractors
 - a. For domestic waste collection and transportation contractors, the "Logbook on Domestic Waste Collection and Transportation" (Form No. 35)
 - b. For domestic waste intermediate disposal contractors, the "Logbook on Domestic Waste Intermediate Disposal" (Form No. 36)
 - c. For domestic waste final disposal contractors, the "Logbook on Domestic Waste Final Disposal" (Form No. 37).
- 2) Builders and managers of domestic waste disposal facilities
 - a. For builders and managers of domestic waste intermediate disposal facilities, the "Logbook on Construction and Management of Domestic Waste Intermediate Disposal Facility" (Form No. 36)

b. For builders and managers of domestic waste final disposal facilities, the "Logbook on Construction and Management of Domestic Waste Final Disposal Facility" (Form No. 36).

3) For builders and operators of special waste public disposal facilities and special waste disposal contractors, the "Logbook on Operation and Management of Special Waste Disposal Facility" (Form No. 38).

4) Special waste disposal contractors

a. For special waste collection and transportation contractors, the "Logbook on Special Waste Collection and Transportation" (Form No. 39)

b. For special waste intermediate disposal contractors, the "Logbook on Special Waste Intermediate Disposal" (Form No. 40)

c. Special waste final disposal contractors, the "Logbook on Special Waste Final Disposal" (Form No. 41).

5) For special waste generators who construct and manage special waste disposal facilities, the "Logbook on Operation and Management of Special Waste Disposal Facility" (Form No. 42).

6) Reporters of waste reuse

a. For reporters of domestic waste recycle, the "Logbook on Management of Domestic Waste Reuse" (Form No. 43)

b. For reporters of special waste recycle, the "Logbook on Management of Special Waste Reuse" (Form No. 44).

7) For manufacturers or importers of products that should be collected and disposed of:

a. "Logbook on Management of Manufacture and Import" (Form No. 45)

b. "Logbook on Management of Waste Collection and Disposal" (Form No. 46).

Article 65. (Report on the Suspension, Termination of Business)

Anyone who intends to report the suspension, termination, or reopening of a business, pursuant to Article 42 in the Law, shall submit an "Application for Suspension, Termination, or Reopening of Business" attaching the following documents to the Mayors/ Governors or Regional Administrators of Environmental Administration within 10 days of the suspension, termination, or reopening of business. A handler, designer, or builder of domestic waste disposal facilities shall use Form No. 47 and a handler of special waste disposal shall use Form No. 48:

1) In the case of suspension or termination of business:

- a. A permit or registration certificate
- b. The disposal plan of waste left undisposed.

2) In the case of reopening business:

- a. Inspection results of disposal facilities
- b. Reserved conditions of technical abilities and documents that ensure the qualification.

Article 66. (Summary Report of Waste Disposal)

According to Article 43.1 in the Law, large volume domestic waste generators shall report the generation, disposal, and recycling or reuse of waste every year by 31 January of the ensuing year by the following classifications:

1) For businessmen of related domestic waste:

a. Large volume domestic waste generators, pursuant to Article 14.1 in the Law, shall submit a "Summary Report on Large Volume Generation and Disposal of Domestic Waste" (Form No. 49) to the Mayors/Heads of County and Ward who have received the report of large volume generation

b. With regard to domestic waste disposal handling pursuant to Article 17.1 in the Law, collection and transportation contractors shall submit a "Summary Report on Domestic Waste Collection and Transportation" (Form No. 50); intermediate disposal contractors shall submit a "Summary Report on Domestic Waste Intermediate Disposal" (Form No. 51); and final disposal contractors shall submit a "Summary Report on Domestic Waste Final Disposal" (Form No. 52) to the Mayors/Governors

c. The designers and builders of domestic waste disposal facilities, pursuant to Article 21.3 in the Law, shall submit a "Summary Report on Design and Construction of Domestic Waste Disposal Facility" (Form No. 53) to the Regional Administrator of Environmental Administration

d. Domestic waste reusers, pursuant to Article 31.1 in the Law, shall submit a "Summary Report on Recycling and Reuse of Domestic Waste" (Form No. 54) to the Mayors/Governors who have received the reuse report.

2) In the case of businessmen of related special wastes:

a. Special waste generators, pursuant to Article 24.1 in the Law, shall submit a "Summary Report on Generation and Disposal of Special Waste" (Form No. 55) to the Regional Administrator of Environmental Administration who has received the report of generation.

b. The builders and operators of public disposal facilities, pursuant to Article 25.2, shall submit a "Summary Report on Special Waste Disposal" (Form No. 56) to the Minister of Environment.

c. Special waste disposal handlers, pursuant to Article 26.1 of the Law, and collection and transportation contractors shall submit a "Summary Report on Special Waste Collection and Transportation" (Form No. 57); intermediate disposal contractors shall submit a "Summary Report on Special Waste Intermediate Disposal" (Form No. 58); and final disposal contractors shall submit a "Summary Report on Special Waste Final Disposal" (Form No. 59) to the Regional Administrator of Environmental Administration.

d. Special waste reusers, pursuant to Article 31.1 in the Law, shall submit a "Summary Report on Recycling and Reuse of Special Waste" (Form No. 60) to the Regional Administrator of Environmental Administration who has received the reuse or recycling report.

5. Supplementary Provisions

Article 67. (Report of Business Closure and Post-Management of Waste Disposal Facility)

According to Article 47.1 in the Law, anyone who intends to close or terminate a waste disposal facility shall submit an "Application for Terminating/Closing Business" (Form No. 61) accompanied by a post-management plan of waste disposal facility (limited to the landfill facility) to the Regional Administrator of Environmental Administration by 1 month (3 months for landfill facilities) before the date of closure or termination of the facility.

Article 68. (Orders for Post-Management Measures)

According to Article 47.2 in the Law, the Regional Administrators of Environmental Administration are entitled to order anyone who terminates or closes down a landfill facility that has filled up with waste to take measures for post-management of the following:

- 1) Operation of leachate disposal facilities
- 2) Disposal of generating gas
- 3) Inspection of a ground water pollution level
- 4) Inspection of filled-up land stability
- 5) Inspection of the surrounding environment damage.

Article 69. (Notification of Facilities Requiring Post-Management Deposit)

The notification of post-management deposit to facilities targeted for payment, pursuant to Article 29.1 of the Presidential Decree, shall follow Form No. 62.

Article 70. (Submission of Expense Details Required for Post-Management)

Pursuant to Article 29.2 of the Presidential Decree, the builders of facilities targeted for payment of post-management deposit shall submit an "Expense Details Required for Post-Management" (Form No. 63) with the following attachments to the Minister of Environment within 1 month after receipt of a notification, pursuant to Article 69:

- 1) Calculated itemized expenses required for post-management, by year
- 2) Details of pre-deposit (limited to those who reserve post-management deposit in advance).

Article 71. (Notification for Payment of Post-Management Deposit)

The notification for payment of post-management deposit, pursuant to Article 29.3 of the Presidential Decree, shall follow Form No. 29.

Article 72. (Request for Refunding Post-Management Deposit)

Anyone who intends to get return of post-management deposit, pursuant to Article 35.1 in the Presidential Decree, shall submit an "Application for Return of Post-Management Deposit" (Form No. 64) with an attachment of "expenditure details of post-management expense" to the Minister of Environment.

Article 73. (Written Decision for Refunding Post-Management Deposit)

A written decision for repayment of post-management deposit, pursuant to Article 35.2 in the Presidential Decree, shall follow Form No. 33.

Article 74. (Submission of Payment Plan for Pre-Reserved Deposit)

The builder of a landfill facility targeted for pre-reserved deposit of post-management deposit, pursuant to article 36.2 in the Presidential Decree, shall submit a "Reserving Plan of Pre-Deposit" (Form No. 65) with attachments of "Details of annual estimated expense for post-management" and "Deposit plan" to the Minister of Environment.

Article 75. (Notification for Payment of Pre-Reserved Deposit)

The notification for payment of pre-reserved deposit, pursuant to 36.3 in the Presidential Decree, shall follow Form No. 29.

Article 76. (Refund Balance of Pre-Reserved Deposit)

The return of the balance of pre-reserved amount, pursuant to Article 37 in the Presidential Decree, shall follow Form No. 33.

Article 77. (Attachment Documents with Land Use Plan)

The attached document that should be accompanied by a "Land Use Plan," pursuant to Article 38.2 in the Presidential Decree, shall be a drawing of the land where the plan will be implemented.

Article 78. (Notification of a Period for Land Use Restriction)

The notification of land use and restriction period, pursuant to Article 38.3 in the presidential Decree, shall follow Form No. 66.

Article 79. (Report of Domestic Waste Disposal Progress by Mayors/Governors)

According to Article 54.1 of the Law, the Mayors/Governors shall report the annual disposal results in their jurisdictional areas with the form specified by the Minister of Environment by February of the following year to the Minister of Environment.

Article 80. (Handling Fee for Permits, etc.)

1. According to Article 55 in the Law, the handling fee that should be paid by people who intend to register design and construction or obtain permits for domestic or special waste disposal services are given in Table 21 in the Annex to this Order.

2. The handling fee, pursuant to Article 80.1, shall be paid by revenue stamps, in cases where the authorities concerned with permit and registration are the Minister of Environment or Regional Administrators of Environmental Administration, or by revenue

stamps of the competent local governments, in cases where the authorities concerned are the Mayors/Governors or Mayors/Heads of County and Ward.

Article 81. (Criteria for Administrative Measures)

1. The criteria for administrative measures, pursuant to Article 56 in the law, are given in Table 22 in the Annex to this Order.

2. The Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration may waive a criterion of administrative measures in Table 22, in cases where they judge that the extent of an anticonstitutional act is not serious, or that it is required for environmental preservation and protection of public health.

Article 82. (Hearing Process)

1. When the Minister of Environment or Mayors/Governors intend to hold a hearing, pursuant to Article 57 in the law, they shall notify the person who receives the order or a proxy of the written reasons, time, and location of audience by 7 days before the hearing.

2. The person who receives the order or the proxy notified of a hearing, pursuant to Article 82.1, shall attend the designated hearing and state or submit an opinion by written documents.

3. When the person who receives the order or the proxy attends the designated hearing and states his opinion, pursuant to Article 82.2, the officials shall record the statement and have a confirmation and signature of the attendant concerned.

4. The hearing notification, pursuant to Article 82.1, shall specify that it is regarded as abandonment of opportunities for opinion statements when those concerned do not respond to notification of a hearing without sufficient reason.

Article 83. (Consignment of Management and Operation of Waste Disposal Facilities)

Pursuant to Article 58.2 of the Law, the Minister of Environment is entitled to entrust the management and operation of public disposal facilities, already constructed by stipulation of Article 25.2 in the Law, to the Environmental Management Corporation or another qualified person whose ability to manage and operate is accredited by the Minister of Environment.

Article 84. (Procedures for Charging Fines)

Article 42.4 of the Presidential Decree stipulates that the revenue agency's official regulations apply in those cases where the Regional Administrators of Environmental Administration charge a fine, and the regulations of the concerned local government apply to these cases where Mayors/Governors charge a fine. In both cases, the charging officer shall note the rebuttal procedure and period in the notification of imposition.

Addenda to the Prime Minister Order

Article 1. (Enforcement Date)

This Regulation shall be effective from the day of promulgation of this Regulation. However, the stipulation of collection and transportation standards in Table 11 (1.e, 1.f) shall be effective on 1 March 1992, and the stipulations 2.e and 2.f of Table 11 in the Annex to this Order shall be effective on 1 January 1993.

Article 2. (Interim Measures on Collection, Transportation Standards of Domestic Waste or Industrial Waste Disposal Services)

The collection, transportation, disposal standards and method of waste, construction and management standards of waste disposal facilities, the recording and keeping of a logbook, and the criteria for administrative measures, which apply to those who have obtained permits of domestic or industrial waste disposal services whose businesses began before the date of permission for domestic or special waste disposal services, pursuant to Article 2 in the Addenda of the Law at the time of implementation of this Regulation, shall follow the previous stipulation before the date of permission.

Article 3. (Interim Measures on Waste Disposal Facilities)

Among the waste disposal facilities that become new special waste disposal facilities pursuant to Article 4 of the Presidential Decree and Table 15 of this Regulation, the facilities in operation before implementation of this Regulation shall be regarded as special waste disposal facilities appropriate to this Regulation. However, the "Application for Construction Approval of Special Waste Disposal Facility," pursuant to Article 38, shall be submitted to the Regional Administrator of Environmental Administration who has jurisdiction over a district of the facility by 30 June 1992.

Article 4. (Interim Measures on Application for Approval of Waste Disposal Facilities)

The application for approval of waste disposal facilities that has been carried out by the previous stipulations before implementation of this Regulation shall be regarded as an approval application appropriate to the stipulations of Article 16 or 38.

Article 5. (Interim Measures on Disposal of Special Waste Including Sludge)

The melting or cracking of waste synthetic high polymers in Table 1 of the Presidential Decree, the sludge from wastewater disposal or manufacturing, waste plaster, or waste lime, of which the water content is less than 85 percent, and waste asbestos or animal leftovers may be disposed by landfilling in the domestic waste landfill until 31 December 1993 in spite of the stipulations of group d, e, i, or k in Table 12.2.

Article 6. (Interim Measures on Application of Administrative Actions)

The previous stipulations of the Waste Management Enforcement Regulation shall be applied to the administrative actions for unconstitutional acts committed before implementation of this Regulation.

Article 7. (Relation with Other Statute)

At the time of implementation of this Regulation, any Law or Ordinance that quotes the stipulations of the previous Waste Management Enforcement Regulation, if there are equivalent stipulations in this Regulation, shall be regarded as quoting from this Regulation or its provisions.

Annex to the Prime Minister Order

Table A1. Halogen family compounds contained in waste organic solvents (related to Article 2.1)

- | | |
|-----------------------------|-------------------------|
| 1. Dichloromethane | 9. Trichloroethylene |
| 2. Trichloromethane | 10. Tetrachloroethylene |
| 3. Tetrachloromethane | 11. Chlorobenzene |
| 4. Dichlorodifluoromethane | 12. Dichlorobenzene |
| 5. Trichlorofluoromethane | 13. Monochlorophenol |
| 6. Dichloroethane | 14. Dichlorophenol |
| 7. Trichloroethane | 15. Trichlorophenol |
| 8. Trichlorotrifluoroethane | |

Table A2. Non-halogen family compounds contained in waste organic solvents (related to Article 2.2)

- | | |
|-------------------------|---------------------------|
| 1. Glyceroltriacetate | 23. Ethanol |
| 2. n-Butylalcohol | 24. Ethyleneglycol |
| 3. n-Hexane | 25. Ethylglycol |
| 4. Nitrobenzene | 26. Ethylbenzene |
| 5. Decahydronaphthalene | 27. Ethylacetate |
| 6. Dimethylsulfide | 28. Ethylether |
| 7. Dimethylformamide | 29. Ethylphenol |
| 8. Diacetin | 30. Butanol |
| 9. Diethyleneglycol | 31. Propanol |
| 10. Diethylsulfoxide | 32. Kerosene |
| 11. Diethyleneether | 33. Cresol |
| 12. Dioxan | 34. Xylene |
| 13. Methanol | 35. Terpentin |
| 14. Methylacetate | 36. Tetrahydronaphthalene |
| 15. Methyl ethyl ketone | 37. Tetrahydrofuran |
| 16. Methylisobutylketon | 38. Toluene |
| 17. Methylphenol | 39. Triethyleneglycol |
| 18. Benzene | 40. Phenol |
| 19. Butylacetate | 41. Formaldehyde |
| 20. Cyclohexanone | 42. Propyleneglycol |
| 21. Cyclohexane | 43. Pyridin |
| 22. Acetone | |

Table A3. Hazardous substance contained in slag, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration ashes, stabilizing or solidifying disposal materials, waste catalysts, waste adsorbents, waste absorbent, and sludge (related to Article 2.3)

1. Lead or its compounds (limited to the lead contents with 3 mg per L or more in the extraction liquid as a result of extraction procedure test by the official test method for waste)
2. Copper or its compounds (copper contents with 3 mg per L or more in the extraction liquid)
3. Arsenic or its compounds (arsenic contents with 1.5 mg per L or more in the extraction liquid)
4. Mercury or its compounds (mercury contents with 0.005 mg per L or more in the extraction liquid)
5. Cadmium or its compounds (cadmium contents with 0.3 mg per L or more in the extraction liquid)
6. Hexavalent chromium or its compounds (hexavalent chromium contents with 1.5 mg per L or more in the extraction liquid)
7. Cyanide compounds (cyanide contents with 1 mg per L or more in the extraction liquid)
8. Organic phosphorus compounds (organic phosphorus contents with 1 mg per L or more in the extraction liquid)
9. Tetrachloroethylene (tetrachloroethylene contents with 0.1 mg per L or more in the extraction liquid)
10. Trichloroethylene (trichloroethylene contents with 0.3 mg per L or more in the extraction liquid)

Table A4. Standards and methods for collection, transportation, and disposal of domestic waste (related to Article 7)

1. In case of collection and transportation:
 - a. Domestic waste shall be collected regularly in order of disposal appropriate to generating volume and peculiarities by areas and seasons.
 - b. Domestic waste shall be collected and transported by mechanical lifting methods as far as possible after considerations of given area conditions.
 - c. Steps shall be taken to avoid domestic waste being blown off or dropped, offensive odors emitted, and sewage being effused from the collection and transportation equipment.
 - d. Vehicles that have airtight cargoes shall be used for long distance transportation by way of other cities, counties, or wards.
 - e. Raising dust and blowing domestic waste shall be avoided on the return after discharging domestic waste into disposal facilities.

f. The collection and transportation equipment shall always be kept neat and clean.

2. In case of disposal:

a. Common items:

(1) Blowing or dropping domestic waste and discharging offensive odors shall be avoided by using proper disposal procedures for domestic waste.

(2) Disposal areas of domestic waste shall receive necessary measures such as applying poisons so that rats or harmful insects such as flies or mosquitoes cannot be generated and bred.

b. Separate criteria:

(1) Landfilling standards and methods:

(a) The domestic waste shall be landfilled only in places signed as "Landfilling Area for Domestic Waste." However, in case of landfilling one kind of domestic waste or two kinds or more of domestic waste that do not require measures for water pollution protection, the types of waste shall be recorded on the landfilling area mark and only the appropriate domestic waste shall be filled.

(b) After work completion of each day, daily covering up with soil of thickness of 15 cm or more shall be conducted by using soil, clay or similar materials (hereinafter referred to as "covering up soil"), intermediate covering up with thickness of 30 cm or more when landfilling has been suspended more than 7 days and final covering up with thickness of 50 cm or more when the use of landfilling areas has been completed shall be conducted. However, daily and intermediate covering may not be conducted, in cases where domestic waste that does not emit offensive odors or be blown off, such as briquette cinders or other incineration leftovers, pieces of pottery or shells, etc., which are not classified as special waste, is landfilled.

(c) When the domestic waste that contains 40 percent and more of septic materials, such as food leftovers, sludge, or animal leftovers, which are not classified as special waste, is landfilled, it shall be covered up with soil before the domestic waste reaches a height of 3 m.

(d) The generating leachate shall be treated until it reaches the generating permit standards of pollutant materials pursuant to Table 5 in this Annex, in cases where there is the possibility of water pollution due to the leachate generated from the domestic waste landfilling sites.

(e) Where domestic waste inappropriate to direct landfilling in domestic waste landfilling sites, such as sludge, etc., is landfilled, it shall be landfilled only after conducting pretreatment pursuant to the standards and methods notified by the Minister of Environment.

(2) Standards and methods of incineration:

(a) Domestic waste shall be incinerated in incineration facilities.

(b) Offensive odors and dust shall not be discharged in the outside of the incineration facilities.

(3) The disposal standards and methods in the facilities of compacting, shredding, and compost pursuant to the stipulations of Article 3.3 and 4 of the Presidential Decree shall be followed. The noise, offensive odors, dust, or sludge generated during the disposal of domestic waste shall not interfere with the surrounding living environments.

(4) The disposal standards and methods in the disposal facilities of domestic waste pursuant to the stipulations of Article 3.5 in the Presidential Decree shall be followed. The noise, offensive odors, dust, or sludge generated during the disposal of domestic waste shall not interfere with the surrounding living environments.

Table A5. Detailed standards for collection, transportation, and disposal of domestic waste by large volume generators (related to Article 9)

1. Detailed standards for collection and transportation:

a. Recycling, combustible, and noncombustible domestic waste shall be collected and transported by the classification of waste. However, the classification may be different from the classification collection plan of the City/County/Ward or the locational conditions.

b. Transportation equipment shall be cleaned so as not to raise dust and blow trash on the return after discharging domestic waste into landfilling sites.

2. Detailed standards for disposal:

a. Detailed standards for landfilling:

(1) The sign of "Domestic Waste Landfill Area" shall be provided at the gate with a height of 100 cm or more, 100 cm or more wide and 50 cm or more long. In the sign, address, name, and phone number of the manager shall be recorded.

(2) After completion of each day's work, wastes shall be covered up with soil materials to a thickness of 15 cm or more; an intermediate covering with a thickness of 30 cm or more is required when landfilling has been suspended more than 7 days; and a final covering with a thickness of 50 cm or more is required when the use of landfilling areas has been completed. However, daily and intermediate covering need not be conducted where the landfilled domestic waste does not emit offensive odors or cannot be blown off, such as briquette cinders or other incineration leftovers, pieces of pottery, or shells, etc., which are not classified into special waste.

(3) When landfilled domestic waste, which is not classified into special waste, contains 40 percent or more of septic materials, such as food leftovers, sludge, or animal leftovers, it shall be covered with soil before the domestic waste reaches a height of 3 m.

b. Disposal standards and methods except 2.a through 2.d in Table 2 of the Presidential Decree:

(1) The disposal standards and methods in compacting, shredding, and composting facilities pursuant to the stipulations of Article 3.3 and 4 of the Presidential Decree:

The noise, offensive odors, dust, or sludge generated during the disposal of domestic waste shall not interfere with the surrounding living environments.

(2) The disposal standards and methods in the disposal facilities of domestic waste pursuant to the stipulations of Article 3.5 in the Presidential Decree:

The noise, offensive odors, dust, or sludge generated during the disposal of domestic waste shall not interfere with the surrounding living environments.

Table A6. Storage facilities for domestic waste or construction standards of containers (related to Article 10)

1. The domestic waste storage facilities or containers shall be constructed to meet the following criteria. However, storage facilities or containers for recycling domestic waste are excluded. The facilities:

a. Shall be made of water-resisting materials such as metal or plastic

b. Shall be easy to collect and transport

c. Shall have a cover and be made enclosed except for the cover opening

d. Shall have sufficient capacities or containers of sufficient size so that the domestic waste does not overflow.

2. The storage facilities or containers for domestic waste shall be constructed so as to separate and store domestic waste by these classifications: recyclable, combustible, and noncombustible domestic waste. However, the classification and construction standards may be different from the classification collection plan of the City/County/Ward or the locational conditions.

Table A7. Permit requirements for domestic waste disposal service (related to Article 12).

1. Domestic waste collection and transportation services:

a. Special city of Seoul and cities under direct control of the national government:

(1) Capital stock or estimated property: 20,000,000 won or more

(2) Laboratory: 15 m² or more actual size

(3) Facilities and equipment:

- 1 or more transportation vehicle equipped with enclosed cargoes (15 m² or more of capacity)
- 1 or more transportable compressor or compression vehicle
- 1 or more vehicles equipped with mechanical lifting system

(4) Technical abilities: 12 or more employees for collection and transportation

b. Cities having population of 500,000 or more (excluding Special and direct control cities, defined in category a):

(1) Capital stock or estimated property: 10,000,000 won or more

(2) Laboratory: 15 m² or more actual size

(3) Facilities and equipment:

- 1 or more transportation vehicle equipped with an enclosed cargo (15 m² or more of capacity)
- 1 or more transportable compressor or compression vehicle

(4) Technical abilities: 8 or more employees for collection and transportation

c. Cities having population less than 500,000:

(1) Capital stock or estimated property: 8,000,000 won or more

(2) Laboratory: 10 m² or more actual size

(3) Facilities and equipment: 1 or more transportable compressor or compression vehicle

(4) Technical abilities: 4 or more employees for collection and transportation

d. Military areas:

(1) Capital stock or estimated property: 5,000,000 won or more

(2) Laboratory: 10 m² or more actual size

(3) Facilities and equipment: 1 or more vehicle for transportation

(4) Technical abilities: 4 or more employees for collection and transportation

2. Intermediate domestic waste disposal services:

a. Specialized in incineration:

- (1) Capital stock or estimated property: 500,000,000 won or more
- (2) Office: 33 m² or more actual size
- (3) Laboratory: 33 m² or more actual size
- (4) Facilities and equipment:
 - Incineration facilities having an incineration capacity of 5 tons or more per day
 - One or more sets of experimental equipment to monitor the SO₂, HCl, nitrogen oxide, and particulate matter of pollutant substances in generating gas.
- (5) Technical abilities:
 - One or more waste disposal engineer of first rate or air environmental engineer of first rate
 - One or more chemical engineer of first rate
 - One or more mechanical engineer of first rate
 - One or more electrical engineer of first rate.

b. Specialized in compaction, shredding, and compost pursuant to the stipulations of Article 3.3 and 3.4 of the Presidential Decree:

- (1) Capital stock or estimated property: 200,000,000 won or more
- (2) Office: 15 m² or more actual size
- (3) Facilities: disposal facilities having a disposal capacity of 5 tons or more per day
- (4) Technical abilities:
 - One or more waste disposal engineer of second rate, air environmental engineer of second rate, water environmental engineer of second rate, or noise-vibration engineer of second rate
 - One or more chemical engineer of second rate, mechanical engineer of second rate, or electrical engineer of second rate

c. Specialized in domestic waste disposal pursuant to the stipulations of Article 3.5 of the Presidential Decree:

(1) Capital stock or estimated property: 50,000,000 won or more

(2) Office: 15 m² or more actual size

(3) Facilities: disposal facilities having disposal capacity of 5 tons or more per day

(4) Technical abilities: One or more waste disposal engineer of first rate or water environmental engineer of first rate

3. Final domestic waste disposal services:

a. Capital stock or estimated property: 300,000,000 won or more

b. Office: 33 m² or more actual size

c. Laboratory: 15 m² or more actual size

d. Facilities and equipment:

- Landfilling facilities having size of 3,300 m² or more or potential landfilling capacity of 10,000 m³ or more
- One or more sets of experimental equipment to monitor generation permit standards of pollutant substances pursuant to Table 5 in the Enforcement Regulation of the Waste Environmental Preservation Law
- One or more bulldozers having a weight of 15 tons or more
- One or more excavators having a bucket capacity of 0.6 m³ or more.

e. Technical abilities:

- One or more waste disposal engineer of first rate or water environmental engineer of first rate
- One or more civil engineer of first rate or electrical engineer of first rate

Note:

1. Where a corporation or an individual intends to obtain a permit for two or more different types of domestic waste disposal services and to obtain a permit for two or more areas with a same domestic waste disposal service or two or more specializations of disposal services, the permit requirements for capital stock or property shall follow the largest amount of each capital or property requirements.

2. Where a corporation or an individual intends to obtain a permit for two or more different types of domestic waste disposal services and to obtain a permit for two or more areas with a same domestic waste disposal service or two or more specializations of disposal services, offices, laboratories, facilities and

equipment, or technical abilities may be shared. However, equipment and technical abilities of domestic waste collection and transportation services shall not be shared.

3. The first rate of engineer in technical abilities may be replaced with the second rate of corresponding engineer who has been engaged in the corresponding field for 2 or more years. However, where a corporation or an individual intends to obtain a permit for two or more different types of domestic waste disposal services, permit requirements for technical abilities that require two or more engineers of first rate shall not permit one of the two engineers to be replaced with the second rate of corresponding engineer.

4. Concerning permit requirements for laboratory appliances, the Mayors/Governors are entitled to exempt fulfillment of a part of laboratory appliances, in cases where the Mayors/Governors recognize that those appliances are not necessary for the business type and waste from the business.

5. Concerning permit requirements for equipment, supplementary bulldozers and excavators shall be secured, in consideration of working capability of each equipment and amount of work done per day.

Table A8. Construction standards of domestic waste disposal facilities (related to Article 15).

1. Landfills:

a. Landfill shall be cordoned with 1.5 m or higher wire fence to control access of people or animals. *Such fences may not be needed if the site is naturally isolated or in a secured area.*

b. A sign "Domestic Waste Landfill Area," which is larger than 100 cm x 50 cm, shall be posted at the locations where it is easy to get access and where many people go through. The sign shall include the address, name, and phone number of the manager.

c. The retaining wall or the embankment that prevents outflow of domestic waste shall be constructed safely to retain and stand the load of landfilled domestic waste.

d. A weighing facility that can measure incoming domestic waste shall be established. However, it may be excluded in the case where the Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration recognize that a weighing facility is unnecessary.

e. The floor of landfill facilities shall be structured without settlement.

f. Four or more ground water monitoring wells shall be constructed around a landfill area to check whether underground water is polluted or not.

g. To prevent outflow of leachate from the landfill facilities, the side and bottom of landfill facilities shall be treated for watertightness by use of watertight materials such as clay or high density polyethylene, as appropriate to the types and landfill height of domestic waste. However, where the water permeability coefficient of soil of the side and bottom of landfill facilities is less than 1/10,000,000 cm per second, or where it is already more than equal to the effect of watertightness, additional treatment may be excluded.

(1) In case of using high density polyethylene or synthetic resins of materials corresponding to high density polyethylene:

One or more ply with 1 mm or more of thickness of each shall be laid on and 30 cm or more of clay shall be added on the top and bottom of the watertight materials.

(2) In case of using a kind of clay, such as clay, bentonite, etc: the water permeability coefficient shall be less than $1/10,000,000$ cm per 1 second with 75 cm or more of thickness.

(3) In cases using other watertight materials: the landfill shall be treated to have watertight effects corresponding to (1) or (2).

h. A catch basin to collect leachate on the bottom of a landfill facility and the equipment that transports the collected leachate to treatment facilities shall be constructed.

i. A water controlling tank to store leachate discharging from landfill of domestic waste and the appropriate facility that disposes of leachate shall be constructed.

j. A facility to dispose of gas discharging from the landfill shall be constructed.

k. A rain elimination facility to prevent rain from flowing into the landfill area shall be furnished.

l. Equipment to separate and compact domestic waste and a car-wheel wash facility for transportation vehicles shall be furnished. However, in cases where the Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration recognize that they are not necessary after consideration of waste targeted for disposal, this equipment may not need to be furnished.

2. Incineration facilities:

a. Materials that support enough their own weight, live load, and other load and endure enough heat, moisture, exhaust gas, generating water, and impacts generated from disposal chemicals during disposal process shall be used in constructing incineration facilities.

b. Equipment that prevents domestic waste from blowing off, overflowing, or generating offensive odors shall be furnished.

c. Facilities that dispose of air and water pollutant generated from the process of domestic waste incineration shall be constructed.

d. The floor of the disposal facility shall be paved with waterproof materials that are impervious to water, such as cement or asphalt.

3. Compaction, shredding, and composting facilities shall be built pursuant to stipulations of Article 3.3 and 3.4 in the Presidential Decree:

a. Equipment to prevent domestic waste from blowing off, overflowing, or generating offensive odors shall be furnished.

b. Facilities to dispose of air and water pollutant generated from the processes of storage and disposal of domestic waste shall be constructed.

c. The floor of the disposal facility shall be paved with waterproof materials, such as cement or asphalt.

4. Domestic waste disposal facilities pursuant to Article 3.5 of the Presidential Decree:

The facilities shall be constructed in accordance with the construction standards notified by the Minister of Environment in consideration of the characteristics of corresponding facilities and types of domestic waste targeted for disposal.

Table A9. Management standards of domestic waste disposal facilities (related to Article 18).

1. Common standards:

a. The necessary measures, such as regular inspection and repairs, shall be taken to maintain normal functions of domestic waste disposal facilities.

b. The necessary measures shall be taken so that domestic waste may not be blown off or dropped and so that offensive odors are not emitted.

c. Disposal areas of domestic waste shall receive necessary treatment such as applying poisons so that rats or harmful insects such as flies or mosquitoes cannot be generated and bred.

d. The disposal capability of the facility shall not be exceeded when the domestic waste is disposed.

e. In cases where water pollutant, pursuant to Table 1 of the Enforcement Regulations in the Water Environmental Preservation Law, is generated during the process of domestic waste disposal, it shall be checked regularly to ensure that the water pollutant is generated appropriately to the standards of the generation permit.

f. An operation guide for equipment and facility shall be kept and the equipment and facility shall be operated according to the guide.

g. Fire extinguishing equipment, such as fire extinguishers prepared for fire, shall be provided.

h. Any equipment and facilities in danger of freezing shall be treated precautionarily, such as by removing water from pipes after operation.

2. Separate standards:

a. Landfills:

(1) Access of landfills by unauthorized personnel and animals shall be prohibited.

(2) Water quality inspections of wells monitoring underground water around landfills shall be conducted once or more per month.

(3) Necessary actions shall be taken to maintain normal function of the leachate collecting facility.

(4) Discharging gas shall be treated.

(5) Retaining walls and embankment of the landfill area shall be well maintained and kept so that domestic waste may not be discharged.

b. Incineration facilities. Periodic inspections shall be done to check for normal function and for hygiene and safety. However, in case of an incineration facility with 50 tons/day or more of incineration capacity, the condition of the operating function and the density of discharging gas shall be ordinarily checked, recorded, and maintained.

c. Compacting, shredding, and composting facilities pursuant to Article 3.3 and 3.4 of the Presidential Decree:

(1) Noise, offensive odors, dust, or sewage, etc. generated from the disposal process of domestic waste shall not cause inconvenience to surrounding living environments.

(2) In case of composting facilities, temperature, moisture, and air capacity shall be maintained appropriate to compost.

d. Domestic waste disposal facilities pursuant to Article 3.5 of the Presidential Decree:

The facilities shall be maintained in accordance with the maintenance standards announced by the Minister of Environment in consideration of the characteristics of the corresponding facilities and the types of domestic waste targeted for disposal.

Table A10. Registration requirements for design and construction service of domestic waste disposal facility (related to Article 23).

1. Qualification: any person who has obtained a license of general construction service or a license of equipment construction service in specialized construction service according to the Construction Law

2. Capital stock or property: more than 100,000,000 won of capital stock in case of a corporation, more than 200,000,000 won of estimated properties in case of a private person

3. Office: 30 m² or more of an actual size

4. Laboratory: 15 m² or more of an actual size

5. Equipment:

- Experimental equipment that can monitor the following items and that the Minister of Environment announces: moisture, temperature, dust, smoke, sulfurous acid gas, hydrogen chloride, carbon monoxide, the amount chemically demanded for oxygen, the amount biochemically demanded for oxygen

- Two or more pieces of drafting equipment

6. Technical abilities:

- One or more highly developed technician for waste disposal, air environment, water environment, civil engineering, construction, or chemical engineering
- One or more civil engineer of first rate
- One or more mechanical engineer of first rate or electrical engineer of first rate
- One or more engineer of first rate for waste disposal, air environment, water environment, noise-vibration, or chemical engineering

Note:

1. The highly developed technician in technical abilities may be replaced with a corresponding engineer of first rate who has been engaged in the corresponding technical field for 5 or more years after earning a bachelor's degree or higher in the corresponding field.

2. Where measurement is contracted to a person having facilities and equipment required by the stipulations of Article 39 in the Prime Minister Order of Air Environmental Preservation Law and Article 51 in the Prime Minister Order of Water Environmental Preservation, the requirements for experimental equipment to measure the corresponding items may be excluded. In cases where contracted execution for all items require measurements, the requirements for a laboratory and experimental equipment may be excluded.

Table A11. Standards and methods for collection and transportation of special waste (related to Article 30).

1. In case of collection and transportation:

a. Special waste shall not be blown off, or dropped; offensive odors shall not be discharged from the collection and transportation equipment, such as transportation vehicles and containers or pipe lines for transportation.

b. The particles of slag, waste asbestos, and waste agricultural chemicals shall not be blown off and shall be collected and transported by putting into a sack made of polyethylene.

c. Where the special waste in liquid form (more than 85 percent water content or less than 15 percent solid materials content) is collected and transported, an exclusive tank, container, or pipe shall be used and the danger from floating and mixture shall be avoided.

d. Special waste shall be collected and transported by the classified types.

e. Vehicles for special waste collection and transportation shall be painted yellow. However, vehicles used temporarily shall be excluded from this requirement.

f. The following "vehicle identification of special waste (temporary) collection and transportation" issued by the Regional Administrators of Environmental Administration shall be attached to the vehicles for special waste collection and transportation. Also, a vehicle for special waste collection and transportation shall exhibit the name and phone number of the waste disposal business attached or marked on both sides of a special waste container and its size shall be 100 cm or more wide by 50 cm or more in length with black characters.

Collection/Transportation Certificate No. : Vehicle No. : Types of Waste Transported: Effective Period: . . . ~ . . .	수집·운반차량증 번호 : 차량번호 : 운반폐기물의 종류 : 유효기간 : 년 월 일 ~ 년 월 일
SPECIAL WASTE (TEMPORARY) COLLECTION / TRANSPORTATION CERTIFICATE	
date . . .	
Regional Administrator of the Environmental Administration (signature)	

수집·운반차량증 번호 : 차량번호 : 운반폐기물의 종류 : 유효기간 : 년 월 일 ~ 년 월 일	특정폐기물(임시)수집·운반차량증 년 월 일 지방환경청장 인
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- Diameter: 10 cm
 - Ground Color: yellow (white for "temporary vehicles")

2. In case of storage attended with collection and transportation:

a. Special waste should be stored separately from domestic waste. Special waste that may be reused shall be stored separately from nonrecyclable wastes.

b. Storage facilities or containers made of materials that are not corroded or damaged by the special waste shall be used by classification of type for storage of special waste. The special waste shall not be allowed to blow off, run out, or emit offensive odors.

c. The floor of the storage facility shall be paved with waterproof materials, such as cement or asphalt, which support its own weight and the live maximum load of stored special waste.

d. Storage areas of special waste shall receive the taken necessary measures, such as applying poisons so that rats or harmful insects such as flies or mosquitoes cannot be generated and bred.

e. A drainage system around storage areas of special waste, such as drainage ditches, shall be provided so that surface water may not flow into the storage areas from outside.

f. Waste acid, waste alkali, waste oil, waste organic solvents, waste catalyzer, waste adsorbent, waste absorbent, waste agricultural chemicals, waste containing PCB (polychlorinated biphenyl), sludge of organic materials (solid residuals of which the content of organic materials is more than 40 percent, hereinafter referred to as same), animal carcasses, and other substances harmful to the environment and to human health that are specified and notified by the Minister of Environment, among special waste, shall not be stored more than 90 days from the beginning date of storage (180 days in case of 1,000 kg/month or less of the discharging amount) and other special waste shall not be stored more than 120 days (240 days in case of 1,000 kg/month or less of the discharging amount). However, this requirement may be excluded in cases where the Regional

Administrators of Environmental Administration recognize the necessity of a long-term storage due to natural disasters or unavoidable reasons.

g. The following sign that shows types, quantity, and storage period of special waste shall be posted at the special waste storage areas. However, the sign shall be provided or attached on each drum, where special waste is stored in storage receptacles such as drums.

SIGN FOR SPECIAL WASTE STORAGE	
① Type of Waste:	② Storage Quantity: ton
③ Storage Period:	
④ Characteristics: Poisonous · Volatile · Explosive · Corrosive · Other ()	
⑤ Handling Precautions: · storing: · transporting:	
⑥ Emergency Action Method:	
Special Waste Generator	⑦ Company Name: (Tel. No.)
	⑧ Address:
⑨ Expected Place to be Transported:	

특정계기물 보관표지	
① 폐기물종류:	② 보관량: 톤
③ 보관기간:	
④ 특성: 유독성 · 휘발성 · 폭발성 · 부식성 · 기타 ()	
⑤ 취급시 유의사항: ○ 보관시: ○ 운반시:	
⑥ 응급조치방법:	
배 출 자	⑦ 회사명: (전화번호)
	⑧ 소재지:
⑨ 운반예정장소:	

The sign shall be:

- Posted at the entrances of the storage facility.
- Set up clearly visible sign at the open storage facility.
- Size of the mark: 60 cm or more in width and 40 cm or more in length (for small receptacles, such as drums : 15 cm or more x 10 cm or more)
- Color of the mark: black lines and black letters with yellow background

Table A12. Standards and methods of special waste disposal (related to Article 31).

1. Common items:

a. Blowing or dropping special waste and emitting offensive odors shall be avoided by proper disposal procedures of special waste.

b. Through the procedure of disposal of special waste, in cases where air pollutant is generated pursuant to Table 1 in the Enforcement Regulation of Air Environmental Preservation Law, the air pollutants shall be treated to meet emission standards pursuant to Table 7 in the Enforcement Regulation of Air Environmental Preservation Law and, in cases where a water pollutant is generated pursuant to Table 1 in the Enforcement Regulation of Water Environmental Preservation Law, the water pollutants shall be treated to meet discharge permit standards pursuant to Table 5 in the Prime Minister Order of Water Environmental Preservation Law. However, when the Minister of Environment additionally specifies stricter permit standards on consideration of local needs and characteristics of the ecosystem, the additional standards shall be complied with.

c. Where special waste is solidified with cement, an amount of cement shall be 150 kg/m³ or more and the water content shall be less than 20 percent after solidification.

d. Where special waste is disposed by incineration, a volume reduction of the residuals shall be less than 15 percent. When special waste is disposed by high temperature destruction, the volume reduction of the residuals shall be less than 5 percent.

2. Disposal standards and methods of special waste by types:

a. In case of waste acid or waste alkali:

(1) Waste acid/alkali in liquid form that contains substances specified in Table 3 shall be disposed by one of the following methods:

(a) Coagulation, sedimentation, filtration, and dehydration, etc., after disposal using reaction of neutralization, oxidization, and reduction, etc.

(b) After disposal by methods of gradation, the residuals shall be disposed by stabilization or solidification of cement or by use of synthetic high polymers

(c) Refining methods of separation, distillation, extraction, and filtration.

(2) Waste acid/alkali in liquid form that does not contain substances specified in Table 3 shall be disposed by one of the following methods:

(a) Coagulation, sedimentation, filtration, and dehydration, etc., after disposal using reaction of neutralization, oxidization, and reduction, etc.

(b) Gradation

(c) Refining methods of separation, distillation, extraction, and filtration.

(3) Waste acid/alkali in solid form (where the content of solid substances is more than 15 percent, or the content of water is less than 85 percent, hereinafter referred to as same) shall be disposed in a landfill requiring appropriate management.

b. In case of waste oil:

(1) Waste oil in liquid form shall be disposed by one of the following methods:

- (a) After separating oil from water, the separated oil shall be disposed by incineration
- (b) By methods of graduation, the residuals shall be disposed by incineration
- (c) By methods of condensation and sedimentation
- (d) By refining methods of separation, distillation, extraction, and filtration
- (e) By incineration.

(2) Waste oil in solid form (a kind of tar pitch is excluded) shall be disposed by incineration.

(3) Kinds of tar pitch shall be disposed by incineration or disposed in the management type landfill.

c. In case of waste organic solvents:

(1) Waste organic solvents that can separate oil from water shall be disposed in advance to the method of separation of oil and water

(2) Waste organic solvents of the halogen family in liquid form shall be disposed of by one of the following methods:

(a) High temperature destruction

(b) After disposal by graduation, the residual shall be disposed of by high temperature destruction

(c) After disposal by refining methods of separation, distillation, extraction, and filtration, the residual shall be disposed by high temperature destruction

(d) After disposal using reaction of neutralization, oxidization, reduction, polymerization, and coagulation, etc., the residual shall be disposed by high temperature destruction or shall be redispersed by methods of coagulation, sedimentation, filtration, and dehydration, etc. and the residual shall be disposed by high temperature destruction.

(3) Waste organic solvents of the halogen family in solid form shall be disposed of by high temperature destruction.

(4) Waste organic solvents of the non-halogen family in liquid form shall be disposed by one of the following methods:

(a) Incineration

(b) After disposed by graduation, the residual shall be disposed by incineration

(c) After disposed by refining methods of separation, distillation, extraction, and filtration, the residual shall be disposed by incineration

(d) After disposal using reaction of neutralization, oxidization, reduction, polymerization, and coagulation, etc., the residual shall be disposed by incineration or redispersed by methods of coagulation, sedimentation, filtration, and dehydration, etc. and the residual shall be disposed by incineration

(5) Waste organic solvents of non-halogen family in solid form shall be disposed by incineration.

d. In case of waste synthetic high polymers:

Thermosetting waste synthetic resins and other thermosetting waste synthetic high polymers shall be shredded, cut, or melted to the size of 15 cm or less of the maximum diameter, and shall be disposed in the stabilization type landfill.

(2) Nonthermosetting waste synthetic resins and other non-thermosetting waste synthetic high polymers shall be disposed of by incineration.

(3) Waste synthetic rubber or waste synthetic leather shall be disposed of by incineration.

(4) Waste paint or waste lacquer shall be disposed of by high temperature destruction.

e. In case of waste asbestos: Disposed of in the landfilling facilities classified into stable facilities and waste asbestos that consists of particles shall be disposed after packed in a polyethylene bag.

f. Slag, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration ashes, waste catalyzers, waste absorbent, or waste adsorbent shall be disposed in the isolation type landfill, or disposed of by stabilization or solidification such as with cement or synthetic high polymers. However, in cases where the slag is disposed in the isolation type landfill slag shall be disposed of after packing in polyethylene bags.

g. Waste agricultural chemicals shall be disposed of by high temperature destruction.

h. Waste that contains PCB shall be disposed of by high temperature destruction.

i. In case of sludge:

(1) Organic matters in sludge from wastewater treatment plants or manufacturing process sludge shall be disposed of by incineration or disposed in the management type landfill after dewatering and drying to 85 percent of water content.

(2) Inorganic matters (less than 40 percent of organic content among solid materials, hereinafter referred to as same) in sludge from wastewater treatment plants or manufacturing process sludge shall be disposed in the management type landfill after dewatering and drying to less than 85 percent of water content.

(3) Organic matters in designated sludge shall be disposed by incineration or by stabilization, such as dewatering and drying to less than 85 percent of water content, or disposed by solidification such as with cement or synthetic high polymers.

(4) Inorganic matters in designated sludge shall be disposed by stabilization, such as dewatering and drying to less than 85 percent of water content, or disposed by solidification such as with cement or synthetic high polymers.

j. In case of waste plaster or waste lime:

(1) Materials in liquid form shall be disposed of in sedimentation type landfills.

(2) Materials in solid form shall be disposed of in management type landfills.

k. In case of animal carcasses: disposed by incineration or in the management type landfills after disposal by dewatering and drying to less than 85 percent of water content.

l. In case of other special waste specified and announced by the Minister of Environment: disposal by the methods specified separately and announced by the Minister of Environment.

3. Other items:

Special waste that is difficult to dispose of by the disposal standards and methods specified in categories 1 and 2 of the following table may be disposed of by separate disposal standards and methods recognized by the Minister of Environment.

Table A13. Permit requirements for special waste disposal service (related to Article 33).

1. In the case of a collection and transportation service of special waste:

a. Capital stock or estate:

(1) Corporation: 200,000,000 won or more

(2) Individual: 400,000,000 won or more

b. Facility and equipment:

(1) Laboratory: 30 m² or more actual size

(2) Equipment and experimental tool:

(a) In case of collecting and transporting the liquid waste: 2 or more tank trucks and cargo trucks (15 tons or more of total carrying capacity, 30 tons/day or more of collection and transportation)

(b) In case of collecting and transporting the solid waste: 5 or more armload trucks, container trucks, bucketloaders, or dump trucks (22.5 tons or more of total carrying capacity, 45 tons/day or more of collection and transportation capacity)

(3) Facilities:

(a) Parking lot: 30 m²/vehicle or more

(b) Car wash facility: 20 m² or more (30 m² or more for 10 vehicles or more)

(c) Storage facility: capacity able to store the quantity of collection and transportation for 10 days

(4) Technical abilities: 1 or more second rate engineer of waste disposal, environmental, air environmental, water environmental, or chemical engineers

2. In the case of intermediate disposal service for special waste:

a. Capital stock or property: more than 300,000,000 won of capital stock in case of a corporation, more than 600,000,000 won of estimated properties in case of a private person

b. Office and laboratory:

Office: 30 m² or more of an actual size

Laboratory: 30 m² or more of an actual size.

c. Equipment, laboratory equipment and instruments:

(1) Equipment: one or more sets of weighing gauges for collection and transportation vehicles

(2) Laboratory equipment and instruments:

- Chemical balance (0.1 mg of sensibility): 1 or more
- Dryer (200 °C or higher): 1 or more
- Water distillation kit (4L/hr or more): 1 or more
- Water bath (electrical heating type): 1 or more
- Electric heater (500W or more): 1 or more
- Electric furnace (900 °C or higher): 1 or more
- Vacuum pump (1/4 HP or more): 1 or more
- pH meter (glass electrode type): 1 or more
- Liquid gravimeter (19 or more/set): 1 or more
- Lab bench and reagent hutch: 1 or more
- Vibrating extractor (vibration width 4-5 cm, or frequency 200 or more cycle/min.): 1 or more
- Flame heater (220V): 3 or more
- Sand heater (350 °C or higher): 1 or more
- Separator funnel prop: 1 or more
- Glass column holder: 1 or more
- Cyanide distillation set: 2 or more
- Arsenic generating set: 5 or more
- Photometer, spectrophotometer, or atomic adsorption photometer: 1 or more
- Gas chromatograph (with Electric Capture Detector [ECD]): 1 or more
- Kuderna-Danish condenser: 1 or more
- Cooler (condenser): 2 or more
- Incubator measuring amount of the biological and chemical oxygen demand: 1 or more
- Reagent and glassware cabinet: 1 or more

- Glassware
 - Beaker 100, 250, 500, 1000 ml: 5 or more each
 - Volumetric flask 50, 100, 250, 500 ml: 5 or more each
 - Erlenmeyer flask 100, 250, 500 ml: 5 or more each
 - Erlenmeyer flask with spray 1,000 ml: 1 or more
 - Mass cylinder 50, 100, 500 ml: 2 or more each
 - Burette 20, 50 ml: 2 or more each
 - Mess pipette 1, 5, 10, 20 ml: 3 or more each
 - Hole pipette 1, 2, 3, 4, 5, 10, 15, 20, 50 ml: 2 or more each
 - Suction flask 1,000 ml: 1 or more
 - Desiccator (20 cm or more of inside diameter): 1 or more
 - Glass column (2 cm of inside diameter): 2 or more
 - Quartz absorption cell (10 ml): 2 or more
 - Reagent bottle 100, 500 ml: 10 or more each
 - Separatory funnel 250, 500, 1000 ml: 5 or more each
 - Round bottom flask 500, 1000 ml: 2 or more each
 - Funnel (3, 5 cm of inside diameter): 5 or more each
 - Bottle measuring amount of the biological and chemical oxygen demand: 10 or more
 - Micro cylinder (10 microliter): 2 or more
 - 10 mm washing bottle: 5 or more

d. Facilities

- Common facilities:
 - Storage facilities: size able to store disposal amount of 30 days or more
 - Car washing facilities: 20 m² or more
- Separate facilities

Waste targeted for disposal	Facility
(1) Waste for high temperature destruction disposal	High temperature destruction facility with disposal capacity of 5 tons or more per day
(2) Waste for incineration disposal	Incineration facility with disposal capacity of 10 tons or more per day
(3) Waste for solidification or stabilization disposal	Disposal facility by solidification or stabilization with capacity of 5 tons or more per day
(4) Waste for physical chemical disposal	Physical/chemical disposal facility with capacity of 5 tons or more per day, appropriate to dispose of the competent waste, such as reaction facility, graduation facility, condensation and sedimentation facility

e. Technical abilities: one or more waste disposal engineer of first rate, air or water environmental engineer of first rate, or chemical engineer of first rate

3. In case of final disposal service of special waste:

a. Capital stock or estate:

- (1) Corporation: 500,000,000 won or more of capital stock
- (2) Individual: 1,000,000,000 won or more of estimated property

b. Facility and equipment:

- (1) Office: 30 m² or more actual
- (2) Laboratory: 30 m² or more actual size
- (3) Equipment and experimental tool:

- Experimental tools are same with the intermediate disposal service
- 1 or more bulldozer with weight of 15 tons or more
- 1 or more excavator with bucket capacity of 0.6 m³ or more
- 1 set or more landfill height surveying instrument: label, leveling pole, tangent sight bar, etc.
- 1 set or more weighing equipment for collection and transportation vehicles

(4) Facilities:

(a) Landfill facility with a capacity of 10,000 m² or more, or 30,000 m³ or more of potential landfill capacity

(b) Storage facility: capacity of 10 times larger than an average storage volume for a day

(c) Car-washing facility: 30 m² or more

(5) Technical abilities: 1 or more second rate engineer of waste disposal, air environmental, water environmental, or chemical engineers, and 1 or more first rate civil engineer

Note:

1. In cases where a corporation or individual who intends to obtain permits for 2 or more of different types of special waste disposal services, the permit requirements for capital stock or property shall be 75 percent of the value of each capital stock or property.

2. In cases where a corporation or individual who intends to obtain permits for 2 or more different types of special waste disposal services, an office laboratory, equipment, experimental tools, storage facility, and car-washing facility may be used in common.

3. The first rate of engineer in technical abilities by be replaced with the second rate of corresponding engineer who has been engaged in the corresponding field during two or more years. However, in cases

where a corporation or an individual intends to obtain a permit for two or more different types of special waste disposal services, permit requirements for technical abilities that require two engineers must not be replaced with a second rate of corresponding engineer who has been engaged in the corresponding field during two or more years.

4. Concerning permit requirements for laboratory appliances, the Regional Administrator of Environmental Administration is entitled to exempt fulfilling a part of laboratory appliances, in cases where the Administrator recognizes that they are not necessary in consideration of the business type and waste from the business.

5. Concerning permit requirements for equipment, supplementary bulldozers and excavators shall be secured, in consideration of working capability by each equipment and amount of work done per day.

6. Concerning permit requirements for facilities, disposal capacity per day shall be calculated from the standards for a 24-hour nonstop operating system

7. Anyone who makes preparations for a high temperature destruction facility to dispose of waste targeted for high temperature destruction disposal for an intermediate disposal service may use that facility to dispose of waste targeted for incineration.

Table A14. Observance items by special waste disposal contractor (related to Article 33).

1. The permit license shall be posted on the wall of a business office.
2. The technical employees shall work in the technical area.
3. Special waste that may not be collected or transported and that is not special waste targeted for disposal shall not be collected, transported, or disposed of, and the business shall not be conducted out of permitted business areas.
4. The contractors of special waste collection and transportation shall not be entrusted with special waste collection and transportation that exceeds the capability of collection and transportation and shall not store special waste collected and transported more than 10 days. However, this requirement may be excluded when prior approval has been obtained from the Regional Administrator of Environmental Administration, in cases where there are unavoidable reasons to store more than 10 days.
5. The intermediate or final disposal contractor of special waste shall not be entrusted with special waste disposal that exceeds the capability of disposal; the contractor shall dispose of the charging waste within 30 days. However, this requirement may be excluded when prior approval has been obtained from the Regional Administrator of Environmental Administration, in cases where there are unavoidable reasons that make it impossible to dispose of the waste within 30 days.
6. The special waste disposal contractors entrusted with collection, transportation, or disposal of special waste shall not re-entrust someone else with collection, transportation, or disposal of the entire special waste entrusted without justifiable reasons.
7. The special waste disposal contractor shall keep a written disposal-trust contract making agreement with a special waste generator for 3 years.

Table A15. Construction standards of special waste disposal facility (related to Article 37).

1. For intermediate disposal facilities:

a. Common standards:

(1) Special waste disposal facilities shall be built using materials that support their own weight, live load, and other load and endure enough heat, moisture, exhaust gas, generating water, and impacts generated from disposal chemicals during disposal processes.

(2) The necessary facilities shall be furnished to prevent waste from blowing off and discharging, or to prevent discharging odor.

(3) The necessary facilities shall be furnished to treat air and water pollutants discharged from storage and disposal process of waste.

(4) The floor of the disposal facility shall be paved with waterproof materials that are impervious to water, such as cement or asphalt.

b. Separate standards:

(1) Incineration facilities:

(a) Incineration capacity shall be 2,000 or more.

(b) The temperature of off-gas shall be 700 °C or higher.

(c) The combustion chamber shall be structured to maintain gas retention time for 0.5 s or longer, and to mix gas enough in the incineration chamber.

(d) The inside of combustion chamber shall be constructed with high-temperature resistance, fire blocks with 32° or more (34° or more for dry distillation) of durable refractoriness (SK), or fire-resistant materials.

(e) The temperature of the outside of the combustion chamber shall be maintained at less than 80 °C.

(f) When the combustion chamber is covered with iron, the high temperature part of a combustion chamber shall be coated with heat-resisting paints or covered by adiabatic materials.

(g) The waste entrance of the incineration chamber shall be constructed to stand high temperature and to prevent outside-air or incinerated gas from flowing in or out.

(h) An extra burner with enough capacity shall be furnished to control temperature in the combustion chamber.

(i) Equipment that enables controlling an amount of air supply into the combustion chamber shall be furnished.

(j) A cooling facility or collecting heat facility that enables incinerated gas to cool down by less than 300 °C.

(k) A ventilation facility shall be furnished to maintain fixed pressure in the incineration chamber

(l) Air pollution control device shall meet the emission standards of pollutant by the Air Environmental Preservation Law.

(m) If the facility for cooling combustion gas or collecting waste heat is a water pipe system, two or more water pumps shall be provided for continuous water supply.

(n) A funnel that is appropriate for height and structure considering ventilation and air diffusion of generating gas.

(o) The ash removal system for incinerators shall not blow off the incineration ashes.

(p) Safety facilities shall be provided against explosion accidents, etc.

(q) A viewing window shall be furnished to view inside the combustion chamber.

(r) A cleaning hole that has a structure to prevent inflow of outside air and outflow of combustion gas shall be provided.

(s) The facility shall have provisions to prevent scattering of ashes while removing incineration leftovers.

(t) The rotation incineration chamber shall have a system that controls the retention time of waste in the combustion chamber by the change of rotation speed of combustion chamber.

(u) A thermocouple that measures 1,200 °C or higher, a thermometer, and an automatic temperature recorder that continuously records temperature changes shall be furnished in combustion chamber and its exit.

(v) A pressure gauge that measures pressure of inside combustion chamber shall be furnished on the top of the combustion chamber.

(2) High temperature destruction facilities:

(a) Disposal capacity shall be 25 kg/hr or more.

(b) The temperature of off-gas shall be 1,100 °C or higher.

(c) The destruction chamber shall be structured to maintain gas retention time for 2 s or longer, and to mix gas enough in the destruction chamber.

(d) The inside of destruction chamber shall be constructed with high-temperature resistant, fire blocks with 36 °C or more of durable refractoriness (SK), or fire-resistant materials.

(e) A thermocouple that measures 1,600 °C or higher, a thermometer, and an automatic temperature recorder that continuously records temperature changes shall be furnished in the destruction chamber and its exit.

(f) The construction standards of incineration facilities (f) through (v) shall apply to cases besides the standards (a) through (e) of high temperature destruction facilities.

(3) Shredding/cutting facilities:

- (a) Shredding/cutting capacity shall be 25 kg/hr or more.
- (b) The facility shall have a capability to shred or cut pieces 15 cm or less in length.
- (c) The facility shall have a capability to control the size of outcome products.
- (d) The facility shall have provisions to prevent scattering of dust or slag.
- (e) The facility shall be furnished with loading and unloading, shredding and cutting facilities.

(4) Melting facilities:

- (a) Disposal capacity shall be 25 kg/hr or more.
- (b) The facility shall be furnished with heating equipment to maintain enough melting heat and a device to control temperature.
- (c) The facility shall be furnished with equipment to dispose of noxious gas generated from melting process.
- (d) The facility shall be furnished with a thermometer to check melting temperature.

(5) Graduation (evaporation/graduation) facilities:

- (a) Disposal capacity shall be 125 kg/hr or more.
- (b) The graduation facility shall be made of materials that are not eroded or damaged by special waste.
- (c) The graduation facility by using combustion gas shall be furnished with a device that controls temperature and a thermometer, and the graduation facility using vacuum evaporation shall be furnished with an additional safety valve.
- (d) Equipment that controls volume of graduation shall be provided.
- (e) A facility that disposes of noxious gas generated from the graduation process shall be provided.
- (f) The facility shall have provisions to prevent inflow of outside air or gas leakage from graduation facilities.

(6) Refining facilities:

- (a) Inside measurement shall be 0.1 m³ or more.
- (b) The refining facility shall have equipment that disposes of toxic gas generated during refining process.
- (c) The facility shall have equipment that controls the volume of waste deposit.

(7) Reaction facilities:

- (a) Inside measurement shall be 0.1 m³ or more.
- (b) The reaction facility shall be furnished with a reactor and equipment for waste supply control, agitation, and chemical deposit.
- (c) The reactor shall be made of materials that are not eroded or damaged by special waste.
- (d) The facility shall have equipment that disposes of toxic gas generated during the refining process.

(8) Oil and water separation facilities:

- (a) Separation capacity shall be 125 kg/hr or more.
- (b) The facility shall be built so that waste oil cannot outflow.
- (c) The facility shall have provisions to prevent a counterflow of separated water.
- (d) The capacity of a storage tank for recovered oil shall be 3 m³ or more.
- (e) The recovered oil storage tank shall be made of materials that are not eroded or damaged and that prohibit leaks of waste oil.
- (f) The screen shall be furnished on an inlet to eliminate extraneous substances.
- (g) The facility shall be furnished with equipment to control the amount of waste oil deposit.

(9) Coagulation facilities:

- (a) Inside measurement shall be 0.5 m³ or more.
- (b) The coagulation/sedimentation tank shall have a capacity to keep appropriate staying length of time.
- (c) The facility shall be furnished with a coagulation/sedimentation tank and equipment of agitation and chemical deposit.

(d) The agitator shall have a function to control rotation speed.

(e) The facility shall have a device to discharge condensed and sedimented sludge.

(f) If the facility is constructed outdoors, a cover shall be provided to prevent inflow of rain.

(10) Dewatering facilities:

(a) Inside measurement shall be 0.2 m³ or more and the power shall be 0.1 HP or more.

(b) The facility shall have a capacity to reduce water content to 85 percent or less of original water content.

(c) The facility shall have the equipment to inflow wastewater generated from the dewatering process into the wastewater disposal facility.

(d) The facility shall have a device to control dewatering volume.

(e) The facility shall have a system to prevent liquid waste or wastewater generated by the dewatering process from accidental discharge.

(11) Drying facilities:

(a) Pursuant to Article 31 in the Enforcement Regulations of the Air Environmental Preservation Law, the amount of fuel used (converted into a solid) shall be more than 30 kg/hr, and the inside volume shall be more than: 1 m³. However, in case of a natural drying facility, the floor size shall be more than 100 m².

(b) In case of vacuum or heating dry systems, equipment that controls drying temperature shall be provided.

(c) In case of a natural drying system, the cover shall be provided to prevent inflow of rain.

(d) The facility shall have the equipment to dispose of toxic gas generated from drying process.

(12) Solidification facilities:

(a) Disposal capacity shall be 25 kg/hr or more.

(b) The facility shall be furnished with devices to evenly mix cement, water, and chemicals to reduce leaching evenly, and to control the mixture ratio.

(c) The facility shall be provided with equipment to cure the mixed substance and the facility shall be structured to prevent run-off.

(13) Stabilization facilities:

(a) Disposal capacity shall be 25 kg/hr or more, or inside measurement shall be 2 m³ or more.

(b) The facility shall be provided with equipment to stabilize special waste to a chemically and biologically stable condition by using chemical substances or organisms.

(c) The facility shall be provided with the equipment to dispose of toxic gas generated from the stabilizing process.

2. In case of final disposal facilities:

a. Common standards:

(1) Landfills shall be cordoned with 1.5 m or higher wire fence to control access of people or animals. Such fences may not be needed if the site is naturally isolated or in a secured area, such as areas around the seaside, river, or cliffs that prevent easy access.

(2) A sign of "Domestic Waste Landfill Area" which is larger than 100 cm x 50 cm, shall be posted at the entrance of landfill with elevation of 100 cm or higher. In the sign, address, name, and phone number of the manager shall be recorded.

(3) A retaining wall or the embankment that prevents overflow of domestic waste shall be constructed safely and in consideration of the anticipated load of landfilling domestic waste.

(4) A facility to weigh incoming domestic waste shall be established. However, this facility may be excluded in the case where the Minister of Environment, Mayors/Governors, or Regional Administrators of Environmental Administration recognize that the weighing facility is unnecessary.

(5) The foundation of landfill shall be structured without settlement.

(6) A facility that prevents rain from flowing into the landfill area shall be furnished.

(7) Equipment that separates and compacts waste and a car/wheel wash facility for transportation vehicles shall be furnished. However, in cases where the Regional Administrators of Environmental Administration recognize that these facilities are not necessary after consideration of waste targeted for disposal, they may not be furnished.

(8) Four or more groundwater-monitoring wells shall be constructed around a landfill area to check whether underground water is polluted.

b. Separate standards:

(1) Isolation type landfills:

(a) The possible landfill area shall be 50 m² or more, or the possible capacity shall be 250 m³ or more.

(b) The floor and outer walls shall be constructed with 15 cm or more in thickness of reinforced concrete, with a compaction strength of 210 kg/cm² or more, measured by the Korean Industrial Standard F-2405 ("Compaction strength test method of concrete"), or with a structure that has equal effect of separation, and they shall be waterproofed.

(c) Each partition shall be 50 m² or less of possible landfilling area or 250 m³ or less of possible landfilling capacity, and the inner wall shall be made of concrete, 10 cm or more thick, with the 210 kg/cm² or more of the compact strength.

(2) Management type landfills:

(a) The possible landfilling area shall be 1,000 m² or more, or the possible landfilling capacity shall be 3,000 m³.

(b) To prevent leachate, the side and bottom of landfill facilities shall be treated for watertightness to meet the following criteria, by use of watertight materials such as clay or high density polyethylene in consideration of the types and landfilling height of special waste. However, in cases where the water permeability coefficient of soil of the side and bottom of landfill facilities is less than 1/10,000,000 cm per second or where it more than equals the effect of watertightness, it may be excluded.

1) If high density polyethylene or synthetic resins of materials corresponding to high density polyethylene are used: two or more ply (one or more ply in case of landfilling animal carcasses, sludge from wastewater treatment plants, manufacturing process sludge, waste plaster, or waste asbestos only) with 1 mm or more of thickness of each shall be laid on, and protection gap shall be provided by using nonwoven fabric between liners and also 30 cm or more of clay shall be added on the top and bottom of the watertight materials.

2) If a kind of clay, such as clay, bentonite, etc. is used: The water permeability coefficient shall be less than 1/10,000,000 cm per 1 second with 1.5 m or more of thickness (75 cm in cases of landfilling animal carcasses, sludge from wastewater treatment plants, manufacturing process sludge, waste plaster, or waste asbestos only).

3) When other watertight materials are used: watertightness shall be ensured according to the criteria specified in 1) or 2).

(c) The catch basin that collects leachate on the bottom of a landfill facility and the equipment that transports the collected leachate to treatment facilities shall be constructed.

(d) A water storage tank that stores leachate correspondent to seven or more times as much as the maximum frequent daily rainfall among the rainfall days having 10 mm/day of rainfall during the last 10 years and a facility that treats leachate properly shall be provided.

(e) In case of landfilling organic special waste, the facility that collects and disposes of gas generated from the landfill facility shall be furnished.

(3) Sedimentation type landfills:

(a) The possible sedimentation area shall be 1,000 m² or more, or 3,000 m³ or more in capacity.

(b) The facility shall be provided with equipment to dispose of leachate discharging from the landfilling facilities.

(c) Construction standards (b) and (c) of the management type landfill shall be applied to wastewater disposal or water collection for the sedimentation type landfill.

(4) Stabilization type landfills:

(a) The possible landfill area shall be 1,000 m² or more, or 3,000 m³ or more in capacity.

(b) The embankment shall be constructed in consideration of safety to prevent loss of special waste.

3. In case of other facilities that the Minister of Environment notifies after recognizing safe disposal of special waste, pursuant to Article 4.3 of the Presidential Decree:

The facilities shall be constructed in accordance with the construction standards announced by the Minister of Environment in consideration of the characteristics of corresponding facilities and types of special waste targeted for disposal.

Table A16. Standards for maintenance of special waste disposal facilities (related to Article 40).

1. Common standards:

a. The necessary measures such as regular inspection and repairs shall be taken to keep normal function of special waste disposal facilities functioning.

b. The necessary measures shall be taken to keep special waste from blowing off or dropping, and to prevent the discharge of offensive odors.

c. Disposal areas of special waste shall receive necessary measures such as applied insecticides or pesticides so that rats or harmful insects such as flies or mosquitoes cannot be generated and bred.

d. The disposal or storage capability of the facility shall not be exceeded when the special waste is disposed or stored.

e. The operation of the facility shall be stopped promptly in case of an accident, such as outflow of special waste from the disposal facilities, and the necessary action required for environmental preservation, such as collection of the escaped special waste, shall be taken.

f. When water pollutants, pursuant to Table 1 in the Prime Minister Order of Water Environment Preservation Law, are generated during the process of special waste disposal, regular checks should be made to ensure whether the water pollutants are generated appropriately to the standards of generation permit.

g. A manual for equipment and facilities shall be kept and the equipment and facilities shall be operated by the manual.

h. Fire extinguishing equipment, such as charged fire extinguishers, shall be provided.

i. Precautions shall be taken to protect equipment and facilities in danger of freezing, such as removal from water in pipes after operation.

2. Separate standards:

a. In case of intermediate disposal facilities:

(1) Incineration facilities:

(a) Temperature of the combustion chamber exit shall be kept at 700 °C or more.

(b) The incinerated ashes shall be cleaned regularly to prevent accumulation.

(c) Complete combustion shall take place with a controlled air volume and a combustion controller. When the facility is fired, the temperature of the combustion chamber shall be raised to the proper temperature by a combustion controller, then the special waste shall be deposited, and when the facility is shut down, the temperature of a combustion chamber shall be reduced slowly.

(d) The pressure in a combustion chamber shall be kept constant to prevent a counterflow of combustion gas.

(e) The temperature of discharging gas shall be kept higher than dew point to prevent corrosion of discharging pipes, etc.

(f) The combustion gas shall be retained in a combustion chamber for enough time so that special waste may be properly incinerated.

(g) The reduced volume after incineration shall be 15 percent or less of the original volume.

(h) The facilities of which incineration capacity is 125 kg/hr or more shall be inspected for performance every 3 years by the agencies specified and announced by the Minister of Environment.

(2) High temperature destruction facilities:

(a) The temperature of offgas shall be 1,100 °C or higher.

(b) The destruction chamber shall be structured to maintain gas for enough retention time to dispose of special waste properly.

(c) The deposit equipment shall be cooled enough to prevent erosion by high temperature.

(d) The reduced volume after incineration of the residual after high temperature destruction shall be 5 percent or less of the original volume.

(e) Facilities with a high temperature destruction capacity of 125 kg/hr or more shall be inspected for performance every 3 years by the agencies specified and announced by the Minister of Environment.

(f) The management standards for incineration facilities (b) through (e) shall also apply to cases besides the standards (a) through (e) of high temperature destruction facilities.

(3) Shredding/cutting facilities. Shredding and cutting shall be done while controlling supply of special waste appropriate to the disposal capacity of the facility.

(4) Melting facilities. Melting facilities shall maintain proper melting temperatures according to types of special waste.

(5) Graduation facilities:

(a) The temperature and pressure shall be controlled appropriately for smooth graduation of special waste by types.

(b) The graduation residues shall be removed regularly.

(6) Refining facilities and reaction facilities:

(a) The amount of chemical deposit, temperature, pressure, and agitation, etc. shall be controlled so that refining or reaction may be conducted properly.

(b) The reaction chamber shall be cleaned regularly to prevent erosion and to maintain normal function.

(7) Oil and water separation facilities:

(a) The oil separated shall be conveyed immediately to an oil collection storage tank.

(b) The oil separated shall not be allowed to flow back.

(c) The filter shall be replaced or rinsed out regularly in case of a facility using a filtration method.

(d) The facilities with an oil and water separation capacity of 625 kg/hr or more shall be inspected for performance every 3 years by the agencies specified and announced by the Minister of Environment.

(8) Dewatering facilities:

(a) The filter shall be replaced or rinsed out, and the hydroextractor shall be rinsed out regularly to prevent a loss of the dewatering function.

(b) Wires or fragments shall be removed on occasion to prevent damage by extraneous substances.

(9) Solidification facilities:

(a) Cement, water, and chemicals reducing leaching shall be mixed evenly.

(b) The facility shall be cleaned after each operation to remove leftovers in a mixer, such as cement.

(c) The mixed substance shall be kept sufficiently in suspension.

(10) Drying facilities:

(a) The special waste shall be dried by types and the facility shall maintain proper drying temperature.

(b) The cover shall be put on a natural drying facility, if it rains.

b. In case of final disposal facilities (landfills):

(1) Access to landfills by unauthorized personnel and animals shall be prohibited.

(2) Water quality inspections of wells for monitoring underground water around landfills shall be conducted once or more per month.

(3) The equipment for leachate collection shall receive necessary measures, such as regular removal of soil and sand, to maintain normal function.

(4) Management type landfills shall dispose of generated gas, too.

(5) Where special waste is treated, except septic substance specified in (6), waste shall be covered up with soil materials of thickness of 15 cm or more after completion of work each day, and an intermediate covering of a thickness of 50 cm or more shall be spread between every 3 m when the height of special waste landfilled is higher than 3 m. However, daily and intermediate covering need not be conducted, where special waste that does not discharge offensive odors that cannot be blown off, such as waste synthetic high polymers disposed by shredding/cutting or melting, etc., is landfilled.

(6) Where special waste contains 40 percent or more of septic materials, such as sludge, organic wastes, or carcasses, is landfilled, it shall be covered with thickness of 30 cm or more every 50 cm when the height of special waste landfilled is higher than 50 cm. However, in case of septic waste right before final covering up after completion of daily work, it shall be covered up with thickness corresponding to the height of the waste.

(7) The isolation type landfills shall be covered tightly with concrete when their uses are closed down.

(8) The retaining wall or the embankment of landfills shall be maintained and managed to prevent outflow of special waste.

c. Other special waste disposal facilities that the Minister of Environment recognizes as safe disposers of special waste, pursuant to article 4.3 of the Presidential Decree.

The facilities shall be maintained according to the maintenance standards announced by the Minister of Environment considering the characteristics of similar facilities and types of special waste targeted for disposal.

Table A17. Refining waste oil facility, equipment, and technical (related to Article 43).

1. Facilities and Equipment:

a. Refining facility that disposes of 20 kg/day or more waste oil, appropriate to the following criteria:

- (1) Remaining carbon: 8 percent or less by weight ratio
- (2) Water and sediment: 1 percent or less by volume ratio
- (3) Ash content: 1.5 percent or less by weight ratio
- (4) Sulfur content: 1 percent or less by weight ratio
- (5) Cadmium and its compounds: 2 ppm or less by weight ratio
- (6) Lead and its compounds: 100 ppm or less by weight ratio
- (7) Chromium and its compounds: 10 ppm or less by weight ratio
- (8) Arsenic and its compounds: 5 ppm or less by weight ratio

b. Storage facility: size that can store at least a 30-day accumulation of waste and refined oil.

2. Technical ability: 1 or more first rate engineer of waste disposal, air environmental, water environmental, or chemical engineers.

Table A18. Water pollutant contained in the products targeted for recollection of waste (related to Article 44).

1. Arsenic or its compounds
2. Hexavalent chromium or its compounds
3. Mercury or its compounds
4. Cadmium or its compounds
5. Lead or its compounds
6. Cyanide compounds
7. Polychlorinatedbiphenyl (PCB)
8. Toxic substance, pursuant to Article 2 in the Enforcement Regulations of the Hazardous Chemical Substance Management Law

Table A19. Qualification standards of technical manager (related to Article 53).

1. Domestic waste disposal facility:

a. Landfill facility: 1 or more among the waste disposal, water environmental, civil, mechanical, and chemical engineer

b. Incineration facility: 1 or more among the waste disposal, air environmental, civil, mechanical, chemical engineering, and electric engineer

c. Other facilities: 1 or more qualified person whose necessity is recognized through the approval of the disposal facility construction

2. Special waste disposal facility: 1 or more among the waste disposal, air environmental, water environmental, civil, mechanical, and chemical engineer.

Table A20. Checklists for vicarious execution contract for technical management of waste disposal facility (related to Article 55).

1. Domestic waste disposal facilities:

a. Landfill facility:

- Disposal equipment appropriateness of pollutant, such as leachate
- Effluent quality (chemical oxygen demand, biological oxygen demand)
- Land cover and compression condition, safety appropriateness of ground and embankment due to the disaster

b. Incineration facility:

- Appropriateness of the amount of air supply and temperature of the combustion chamber exit
- Function of air pollution protecting facility and disposal appropriateness of pollutant
- Density of discharging pollutant (HCL, sulfuric compound, dust, smoke, and carbon monoxide)
- Appropriateness of type and quantity of the waste incinerated

c. Facility pursuant to the stipulations of Article 3.3 or 3.4 in the Decree:

- Temperature in and amount of air to the reactor (only for composting facility)
- Function of pollution control facility and appropriateness of its operation
- Condition of repair and maintenance of the equipment
- Condition of pollutant discharged, such as arsenic dust and odor

d. Other facility that the Minister of Environment notifies after recognition of safety to dispose of domestic waste: items notified by the Minister of Environment

2. Special waste disposal facilities:

a. Intermediate disposal:

(1) Common items:

- Appropriateness of type and quantity of the waste incinerated
- Transformation and breakage of the floor of storage or main disposal facility
- Arrangement of temperature recorder and appropriateness of its operation
- Appropriateness of action in case of accidents
- Elimination of water in pipes of facility or equipment likely to freeze
- Appropriateness of operation of facility and equipment by the operation guide
- Arrangement of fire extinguishers

(2) Incineration facility and high temperature destruction facility:

- Breakage of fireproof material
- Normal operation of combustion burner and extra burner
- Normal operation of safety facilities
- Normal operation of preventive facilities
- Density of pollutant out of discharging gas
- Condition of cleanliness in the combustion chamber, etc.
- Normal operation of cooling pumps
- Air density and fuel ratio
- Execution of periodical inspection
- Depositing waste after appropriate temperature in case of starting operation, and appropriateness of process to stop operating facility
- Appropriateness of temperature and pressure

(3) Fragmentation/cutting facility:

- Breakage of fragmentation, cutting equipment
- Preventive condition of blowing off slag-dust

(4) Melting facility:

- Normal operation of temperature control equipment
- Normal operation of disposal facility of toxic gas

(5) Graduation, refining, and reaction facility:

- Erosion or damage of evaporation and graduation tank
- Normal operation of temperature control equipment
- Normal operation of disposal facility of toxic gas
- Execution of periodical cleaning

(6) Oil and water separation facility:

- Damage of separated water transportation facility
- Erosion or damage of recollected oil storage tank
- Cleanliness of an inlet eliminating extraneous substances
- Normal operation of equipment controlling amount of waste oil deposit
- Periodical replacement or washing of a filter cloth

(7) Condensation, sedimentation facility:

- Normal operation of agitation equipment
- Elimination appropriateness of sludge condensed and sedimented

(8) Dewatering facility:

- Normal operation of dewatering function
- Effluence of waste water discharging from dewatering process or liquid waste
- Periodical replacement or washing of a filter cloth
- Elimination of extraneous substances

(9) Drying facility:

- Normal operation of drying temperature control equipment
- Arrangement of a cover to prevent inflow of rain
- Normal operation of disposal facility of toxic gas

(10) Solidification facility:

- Normal operation of mixing equipment
- Mixture ratio (cement, water, and preventive substance of elution)
- Loss of mixed substances out of the recruit facility
- Execution of cleaning of mixers, etc

(11) Stabilization facility: Normal operation of disposal facility of toxic gas

b. Final disposal facility:

(1) Common items:

- Damage of outside facilities, such as wire net, etc.
- Arrangement of landfill area signs and recording its content
- Normal operation of weighing equipment
- Subsidence of the ground of landfill areas
- Execution of water inspection in underground water wells

(2) Isolated landfill facility:

- Damage of floor, outside walls, and partitions
- Arrangement of a cover to prevent inflow of rain

(3) Management and sedimentation landfilling facility:

- Damage of watertight materials
- Damage of leachate collection wells and transportation equipment
- Execution of periodical cleaning of leachate collection wells and transportation equipment
- Damage of water controlling tank
- Normal operation of leachate disposal facility
- Quality of discharging water
- Normal operation of discharging gas disposal facility

(4) Stabilization landfill facility: Safety of embankment

c. Other facility that the Minister of Environment notifies after recognition of safety to dispose of special waste: Items notified by the Minister of Environment

Table A21. Handling fee for permits and registration (related to Article 80).

1. Permit of domestic waste disposal service:

- a. New: 20,000
- b. Modification: 10,000

2. Registration of design and construction service for domestic waste disposal facility:

- a. New: 40,000
- b. Modification: 20,000

3. Permits for special waste disposal service:

- a. New: 40,000
- b. Modification: 20,000

Table A22. Standards for administrative measures (related to Article 81).

1. General standards:

a. When there are two or more violations, the administrative measure shall follow the heavier one (when two heavier measures are the same, only one of them shall apply. The same applies hereinafter). When the two or more measures apply to the same suspension of business, half of the heavier measure can be added to the lightest measure but shall not exceed the total of the two measures.

b. Administrative measure that depend on frequency of violations of the same type that have occurred with 1 year of each other.

c. When there are succession, conveyance, or corporation affiliation, a successor, guarantee, or affiliated corporation shall success to measures given before succession, conveyance, or affiliation (including measures whose period has been passed or in progress).

d. When there are items for measures which are not specified in this standards, the most similar item for measures shall be applied.

2. Separate Standards

a. Administrative measures governing general waste disposal businessmen

VIOLATIONS	APPLYING LAW	STANDARDS FOR ADMINISTRATION MEASURES			
		First	Second	Third	Fourth
(1) Violation of domestic waste collection, transportation, disposal standards or methods specified in Article 13.3 in the Law	Article 19.1.5) of the Law				
a. violation of collection, transportation standards and methods		suspension of business 15 days	suspension of business 1 month	suspension of business 3 months	revocation of permit
b. violation of disposal standards/ methods					
1) violation of landfill and incineration standards/methods		suspension of business 1 month	suspension of business 3 months	suspension of business 6 months	revocation of permit
2) violation of other compression, fragmentation, and composting standards/methods		suspension of business 15 days	suspension of business 1 month	suspension of business 3 months	revocation of permit
(2) Anyone who cannot meet the permit standards specified in Article 17.1	Article 19.1.4) of the Law				
a. one item fails to meet the standard by less than 1/2		warning	suspension of business 15 days	suspension of business 1 month	revocation of permit
b. one item fails to meet the standard by 1/2 or more		warning	suspension of business 1 month	suspension of business 3 months	revocation of permit
(3) Anyone who fails to start a business within 1 year after gaining permit or suspends the business for more than 1 year without justifiable reasons	Article 19.1.3) of the Law	revocation of permit			
(4) Anyone who does not record or keep a book, specified in Article 41 of the Law	Article 19.1.5) of the Law	order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months
(5) violation for order of measures concerning waste disposal, specified in Article 45 of the Law	Article 19.1.5) of the Law	suspension of business 3 months	suspension of business 6 months	revocation of permit	

b. Administrative measures governing design/construction contractors of general waste disposal facilities.

VIOLATIONS	APPLYING LAW	STANDARDS FOR ADMINISTRATION MEASURES			
		First	Second	Third	Fourth
(1) Anyone who fails to start a business within 1 year after gaining permit or suspends the business for more than 1 year without justifiable reasons	Article 22.1.3) of the Law	revocation of permit			
(2) Anyone who cannot meet the permit requirements, specified in Article 21.3	Article 22.1.4) of the Law				
a. one item fails to meet the standard by less than 1/2		warning	suspension of business 1 month	suspension of business 3 months	revocation of permit
b. one item fails to meet the standard by 1/2 or more		warning	suspension of business 3 months	suspension of business 6 months	revocation of permit
(3) Anyone who lends a registration certificate	Article 22.1.5) of the Law	revocation of permit			
(4) Incomplete design and construction	Article 22.1.6) of the Law	suspension of business 3 months	revocation of permit		
(5) Subcontract of the entire job to another by the contractor	Article 22.1.6) of the Law	suspension of business 3 months	suspension of business 6 months	revocation of permit	

c. Administrative measures governing special waste disposal facilities.

VIOLATIONS	APPLYING LAW	STANDARDS FOR ADMINISTRATION MEASURES			
		First	Second	Third	Fourth
(1) Violation of special waste collection, transportation, disposal standards or methods specified in Article 25.4 in the Law	Article 26.5 of the Law				
a. when special waste is not collected or transported by type		order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months

VIOLATIONS	APPLYING LAW	STANDARDS FOR ADMINISTRATION MEASURES			
		First	Second	Third	Fourth
b. when a special waste transportation vehicle does not have correct marks or is not painted yellow		order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months
c. when special waste is collected and transported by vehicles that do not have a special waste (temporary) collection/transportation certificate		suspension of business 1 month	suspension of business 3 months	suspension of business 6 months	revocation of permit
d. anyone who changes the content of special waste (temporary) collection/transportation certificates without authorization		suspension of business 1 month	suspension of business 3 months	suspension of business 6 months	revocation of permit
e. when special waste is not stored by classification of types		order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months
f. when special waste flows out and directly into the public water area		suspension of business 1 month	suspension of business 3 months	suspension of business 6 months	revocation of permit
g. anyone who stores special waste in excess of storage period		warning	suspension of business 1 month	suspension of business 3 months	revocation of permit
h. anyone who does not provide the storage mark in the special waste storage area		order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months
i. violation of other storage standards and methods for collection/transportation		order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months
j. anyone who dumps special waste in the restricted area		revocation of permit			
k. violation of disposal standards for special waste		order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months
(2) Violation of orders pursuant to the stipulation in Article 25.5 of the Law	Article 26.5 of the Law	suspension of business 3 months	suspension of business 6 months	revocation of permit	

VIOLATIONS	APPLYING LAW	STANDARDS FOR ADMINISTRATION MEASURES			
		First	Second	Third	Fourth
(3) Anyone who cannot meet the permit requirements of a special waste disposal service, specified in Article 26.1 of the Law	Article 26.5 of the Law				
a. anyone who cannot meet the permit requirements for capital stock or property		order of correction	suspension of business 3 months	revocation of permit	
b. anyone who cannot meet the permit requirements for offices or laboratories		order of correction	suspension of business 15 days	suspension of business 1 month	suspension of business 2 months
c. anyone who cannot meet the permit requirements for equipment or experimental instruments		order of correction	suspension of business 3 months	revocation of permit	
d. anyone who cannot meet the permit requirements for facilities		suspension of business 1 month	suspension of business 3 months	revocation of permit	
e. anyone who cannot meet the permit requirements for technical abilities		order of correction	suspension of business 1 month	suspension of business 3 months	revocation of permit
(4) Anyone who fails to start a business within 1 year after gaining permit or suspends the business for more than 1 year without justifiable reasons	Article 26.5 of the Law	revocation of permit			
(5) Violation of permit requirements for a special waste disposal service, specified in Article 26.3 of the Law	Article 26.5 of the Law				
a. violation of the business area		suspension of business 1 month	suspension of business 3 months	revocation of permit	
b. other violation of required requirements		order of correction	suspension of business 15 days	suspension of business 1 month	suspension of business 3 months
(6) Anyone who does not report special waste transportation/disposal, specified in Article 27 of the Law	Article 26.5 of the Law	order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months

VIOLATIONS	APPLYING LAW	STANDARDS FOR ADMINISTRATION MEASURES			
		First	Second	Third	Fourth
(7) Anyone who does not record/keep the book, specified in Article 41 of the Law	Article 26.5 of the Law	order of correction	suspension of business 1 month	suspension of business 3 months	suspension of business 6 months
(8) Violation of measure orders for waste disposal, specified in Article 45 of the Law	Article 25.1 of the Law	suspension of business 3 months	suspension of business 6 months	revocation of permit	

Korean Waste Disposal Forms

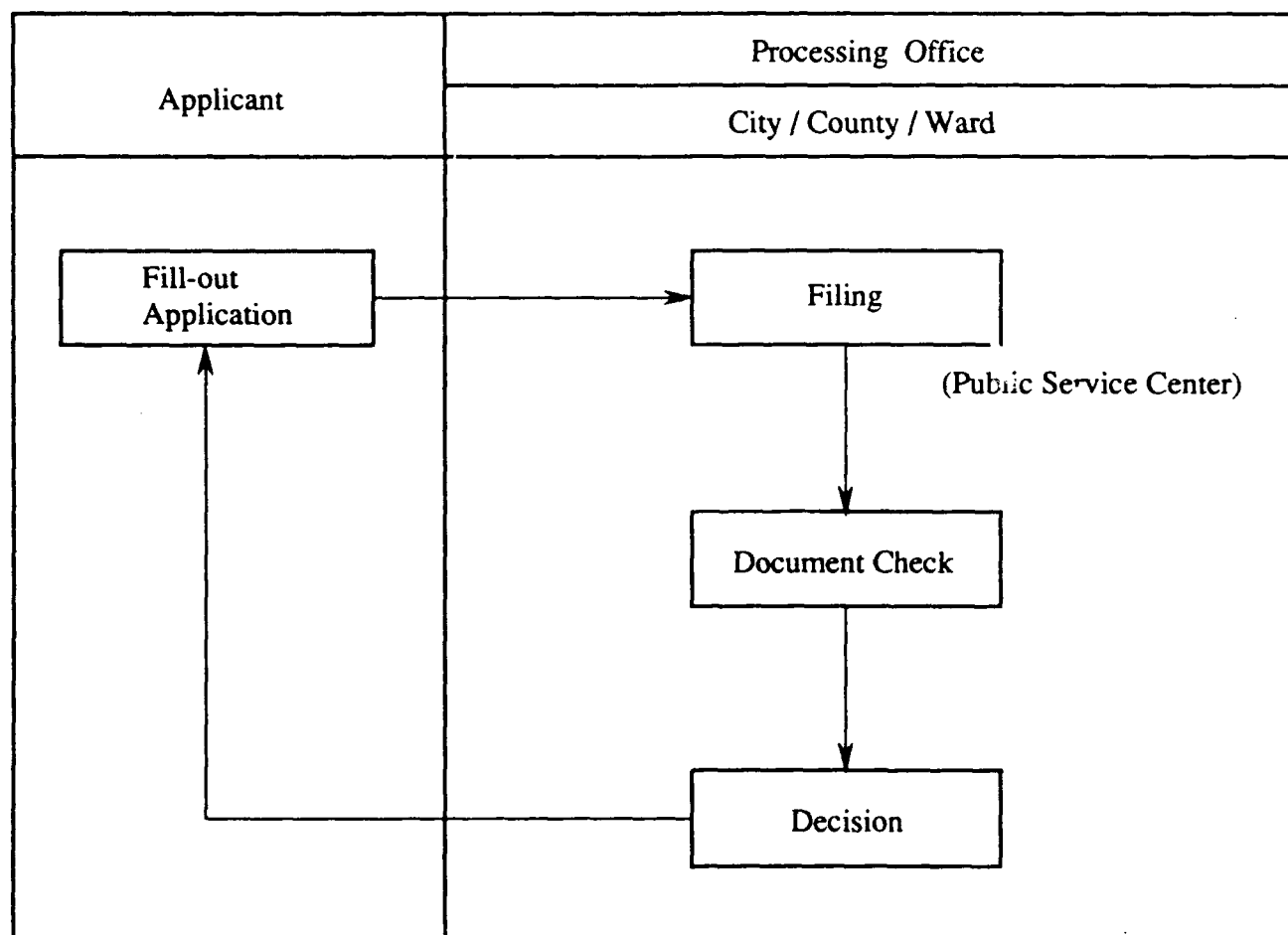
REPORT OF A LARGE VOLUME DOMESTIC WASTE GENERATOR (A large volume generator who falls under Article 6.1 of the Decree)							Process Time	
							Immediate	
REPORTOR	1) Name of Business		2) Type of Business					
	3) Name (President)		4) Residence Registration No.					
	5) Address of Business		(Tel:)					
6) TYPES OF GENERATING WASTE	Type	Major Generating Process						
7) DISPOSAL CONDITION OF GENERATING WASTE BY TYPE	Type	Component	Generating Volume (t / yr)	Type/ Size of Storage Container	Disposal Condition (t)			
					Recycle (use)	Self Disposal Volume	Trust Disposal Volume	
8) SELF-DISPOSAL	Disposal Method							
TRUST DISPOSAL	9) Name of Trust Co.		(Tel:)					
	10) Expenditure for Disposal		won					
<p>I hereby report the large volume domestic waste generator, pursuant to Article 14.1 in the Law, Article 6.1 in the Regulation, and Article 8 in the Presidential Decree of the Waste Management Law.</p> <p style="text-align: right;">Date :</p> <p style="text-align: right;">Reporter : (signature)</p> <p style="text-align: center;">To Mayors/County and Ward Heads</p>								
Enclosure : none							Fee	
							None	

(back)

[Fill-out Information]

1. One shall record the type of business (2) pursuant to the Korean Standards of Industrial Classification (small classification).
2. One shall record item 6) only for "large classification 3. Manufacturing" and "double-small classification 41011. Electric power Generation" in the Korean Standards of Industrial Classification (Notification No. 71 of the Economic Planning Board)
3. One shall record the type of waste (6, 7) in the concrete, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration leftovers, stabilized or solidified leftovers, waste catalyzers, waste inhalants, waste absorbent, sludge, animal leftovers, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eatables, vegetables, waste glass, and waste plastics, etc.
4. Component (7) shall be recorded by separation of liquid and solid phase.

This application form is processed as follows:



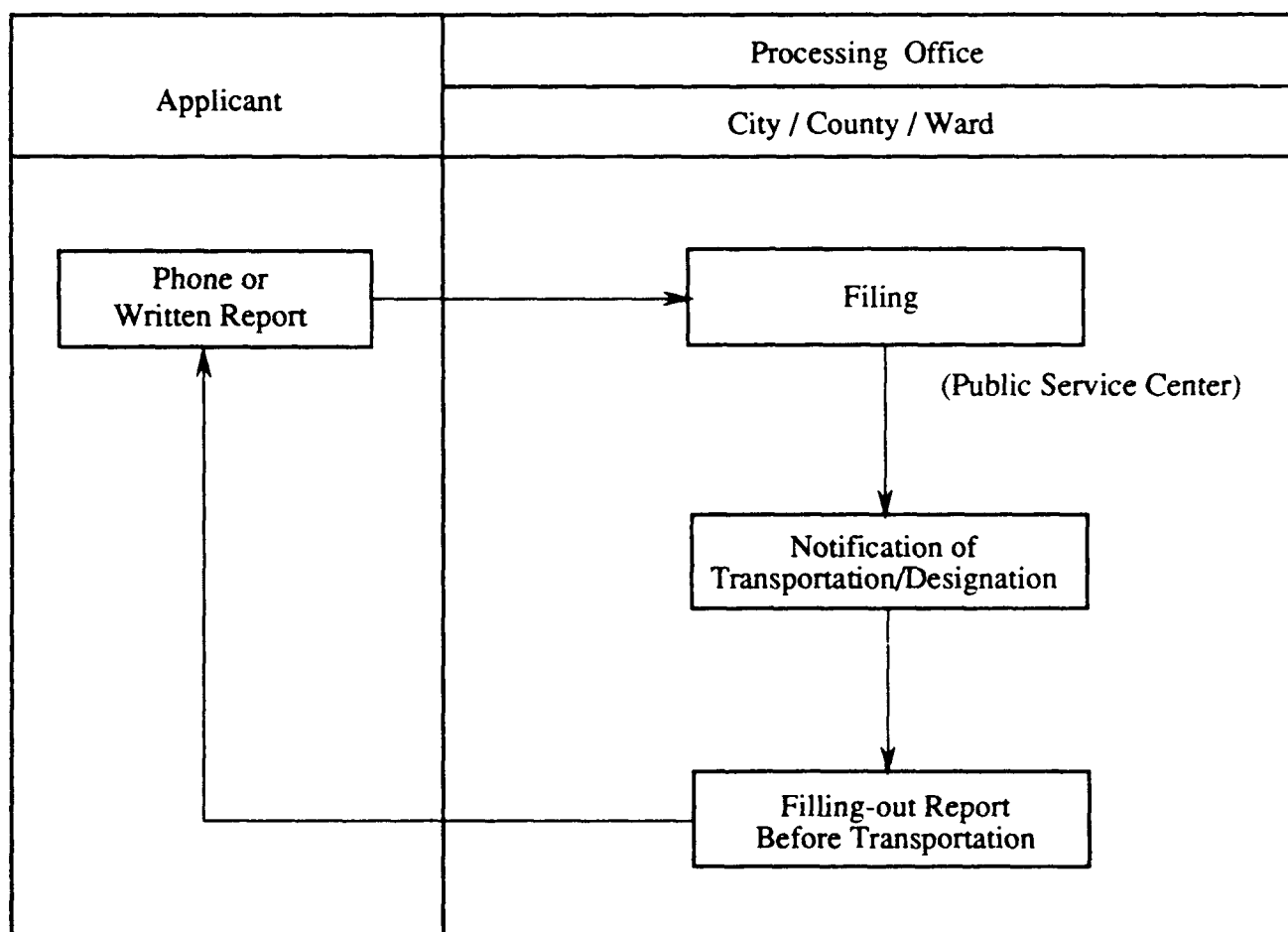
171

(back)

[Fill-out Information]

1. One shall record the type of business (2) pursuant to the Korean Standards of Industrial Classification (small classification).
2. One shall record the type of waste (7) in the concrete, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration leftovers, stabilized or solidified leftovers, waste catalyzers, waste inhalants, waste absorbent, sludge, animal leftovers, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eatables, vegetables, waste glass, and waste plastics, etc.
3. Component (8) shall be recorded by separation of liquid and solid phase.

This application form is processed as follows:



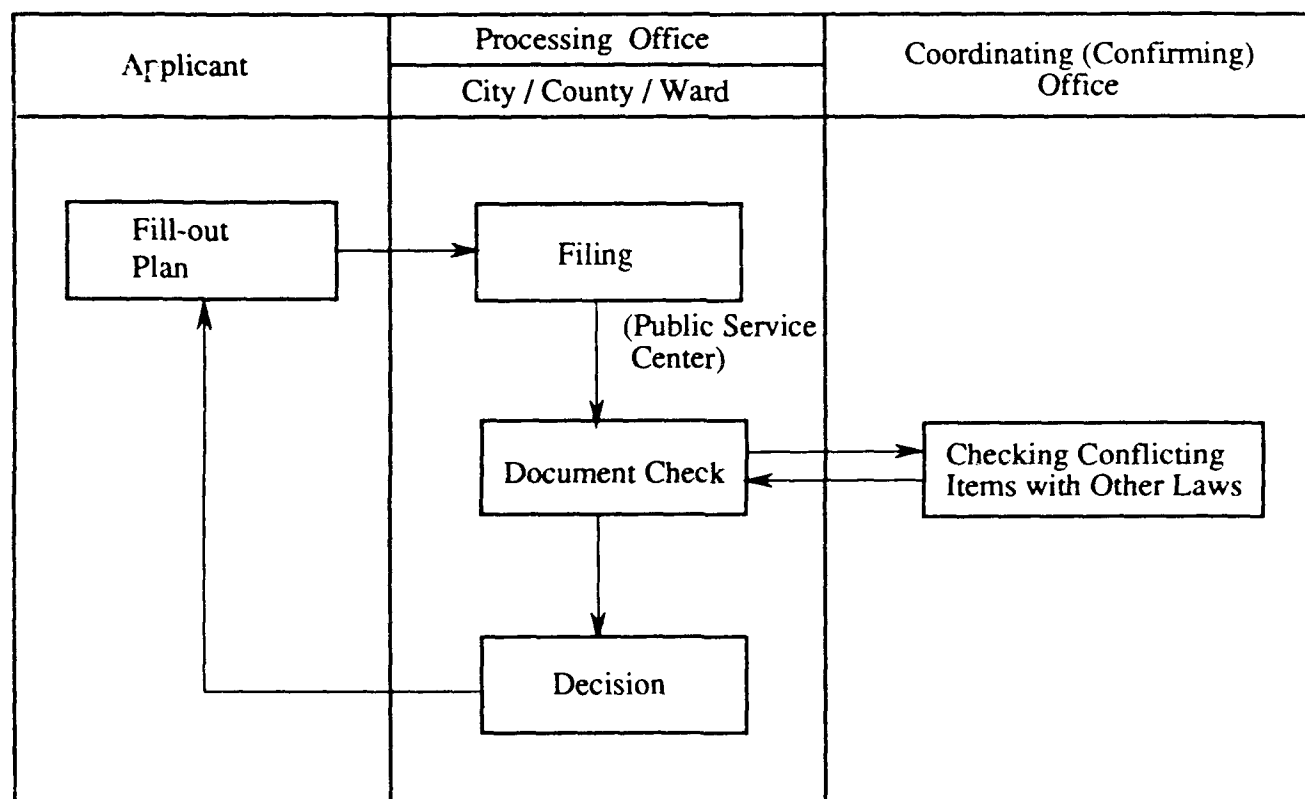
* The Report shall be submitted to the landfill area manager, when a generator transport waste to the landfill area by himself.

<input type="checkbox"/> BUSINESS <input type="checkbox"/> BUSINESS CHANGE] PLAN FOR DOMESTIC WASTE DISPOSAL		Process Time 50 days (30 days for business change)
REPORTOR	1) Name (President)		2) Residence Registration No.			
	3) Address of Business		(Tel:)			
4) Name of Business		5) Capital Stock (Property)		,000,000 won		
6) Type of Business						
7) Waste for Business						
8) Business Area						
9) Expected Location for Facility/Equipment						
10) Expected Location for Office						
11) Expected Date for Beginning Business		12) Expected Data for Applying for Disposal Service Permit				
13) Construction (Security) Details of Facility and Equipment (Change)						
Name of Facility/ Equipment		Size (Capacity)	Location	Name of Preventive Facility	Size (Capacity)	
14) Change Details	Before Changes		After Changes		Change Reason	
I hereby submit <input type="checkbox"/> BUSINESS <input type="checkbox"/> BUSINESS CHANGE] PLAN FOR DOMESTIC WASTE DISPOSAL, pursuant to Article 17.1 in the Law, and Article 12.2 in the Regulation of the Waste Management Law.						
Date :						
Presenter : (signature)						
To Mayors/Governors						
Enclosure 1. 1 copy of Collection/Transportation or Disposal Plan of domestic waste targeted for disposal 2. 1 copy of Facility Construction or Equipment Security Plan 3. 1 copy of Technical Ability Security Plan					Fee None	

[Fill-out Information]

1. One shall record every types of business (6) supposed to obtain permits.
2. One shall record the type of waste (7) in the concrete, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration leftovers, stabilized or solidified leftovers, waste catalyzers, waste inhalants, waste absorbent, sludge, animal leftovers, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eatables, vegetables, waste glass, and waste plastics, etc.
3. One shall record the business area (8) by the classifications of city and province, if necessary, by city, county, and ward.
4. One shall record all of expected locations for locating facility and equipment (9).
5. One shall record the current business office and expected construction location in the expected location for office (10).
6. One shall record the expected starting date for constructing or securing facilities or equipment in the expected date for beginning business (11).
7. one shall record the name of a disposal facility pursuant to Article 3 in the Decree for the name of disposal facility (13), disposal capability/hr and expected average operating hours/day for the size (capacity) of disposal facility, and transportation capacity by t or m³ for the transportation equipment.

This application form is processed as follows:



APPLICATION FOR <input type="checkbox"/> PERMIT <input type="checkbox"/> PERMIT FOR CHANGE OF DOMESTIC WASTE DISPOSAL SERVICE					Process Time 30 days
REPORTOR	1) Name of Business			2) Approval No. & Date for Business Plan	
	3) Name (President)			4) Residence Registration No.	
	5) Address of Business	(Tel:)			
6) Type of Business				7) Capital Stock (Property)	.000.000 won
8) Waste for Business					
9) Business Area					
10) Location of Business office					
11) Office Location					
12) Beginning Date of Business				13) Date of Completion	
14) Construction (Security) Details of Facility and Equipment (Change)					
Name of Facility/ Equipment	Size (Capacity)	Location	Name of Preventive Facility	Size (Capacity)	
15) Security Details of Technical Ability					
<p>I hereby submit an APPLICATION for <input type="checkbox"/> PERMIT <input type="checkbox"/> PERMIT FOR CHANGE] PLAN FOR DOMESTIC WASTE DISPOSAL, pursuant to Article 17.1 in the Law, and <input type="checkbox"/> Article 13.2 <input type="checkbox"/> Article 12.4] in the Regulation of the Waste Management Law.</p> <p style="text-align: right; margin-top: 20px;">Date :</p> <p style="text-align: right; margin-top: 10px;">Applicant : (signature)</p> <p style="text-align: left; margin-top: 20px;">To Mayors/Governors</p>					

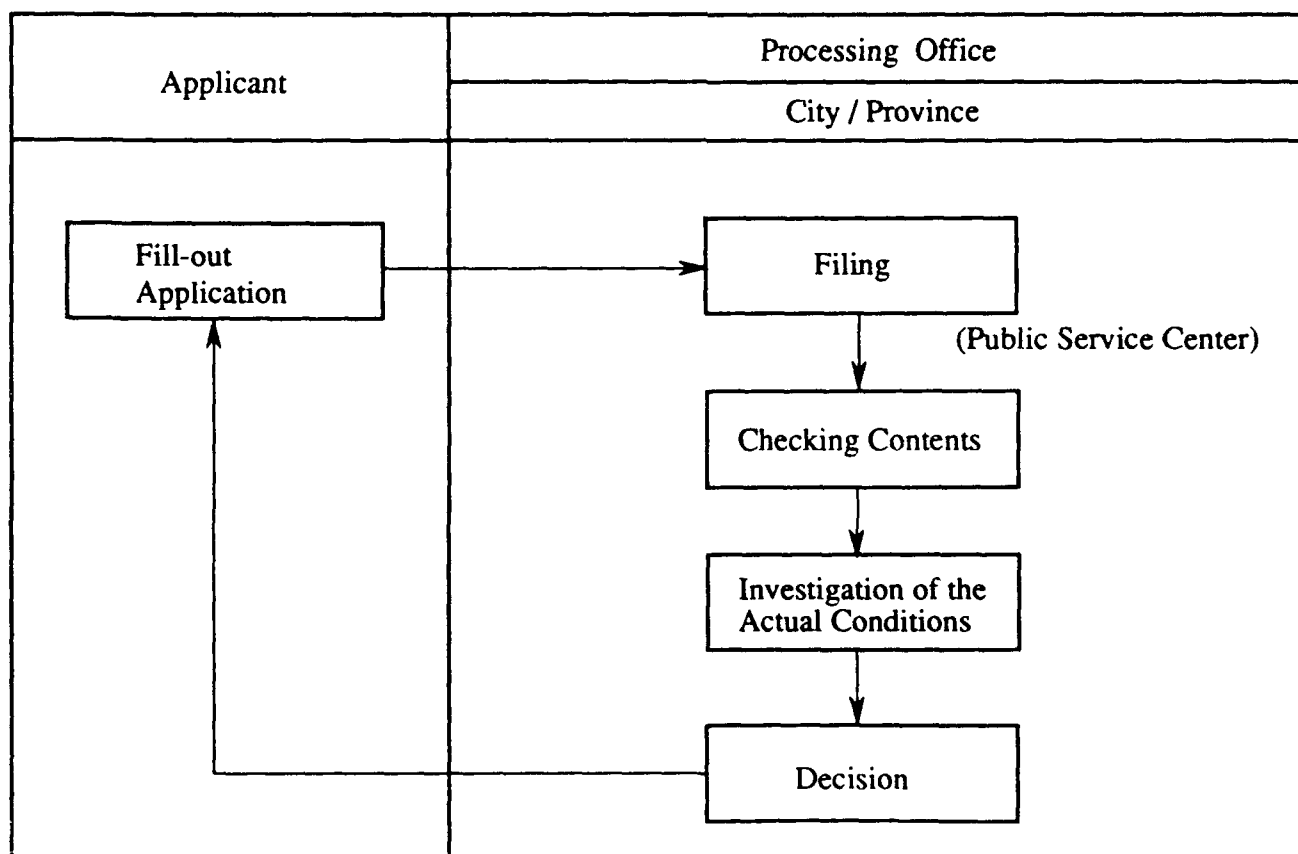
(back)

Enclosure :	Fee
	New : 20,000 won
	Change : 10,000 won
<ol style="list-style-type: none">1 copy of Identification Certificate (Corporation Registration Transcript and Staff's Identification cards, for a Corporation)1 copy of Written Details for facilities and equipment1 copy of Construction Details, Plan, and Disposal Process (only for intermediate and final disposal services of domestic waste) of the Disposal facility1 copy of Technical Ability Retention Condition and Document that ensures the qualification1 copy of Document that ensures the Capital Stock or Property1 copy of Post-Management Plan (only for landfill facilities) of domestic waste disposal facilities <p>* For an Application for approval of change, Documents that ensure the contents of changes and Permit Certificate</p>	

[Fill-out Information]

1. The recording procedure from 1) to 11) is same as the procedure of Domestic Waste Disposal Business Plan (Form No.3).
2. One shall record degrees and numbers of people by the types of qualification certificate in item 15).

This application form is processed as follows:



Permit No.:

CERTIFICATE OF PERMIT FOR DOMESTIC WASTE DISPOSAL SERVICE

1) Name of Business		2) Capital Stock (Property)	.000.000 won
3) Name (President)		4) Residence Registration No.	
5) Type of Business			
6) Address of Business			
7) Waste for Business			
8) Business Area			
9) Location of Business office			
10) Permit Requirements			

I hereby permit a Domestic Waste Disposal Service, pursuant to Article 17.1 in the Law, and Article 12.6 in the Regulation of the Waste Management Law.

Date : . . .

Mayors / Governors (signature)

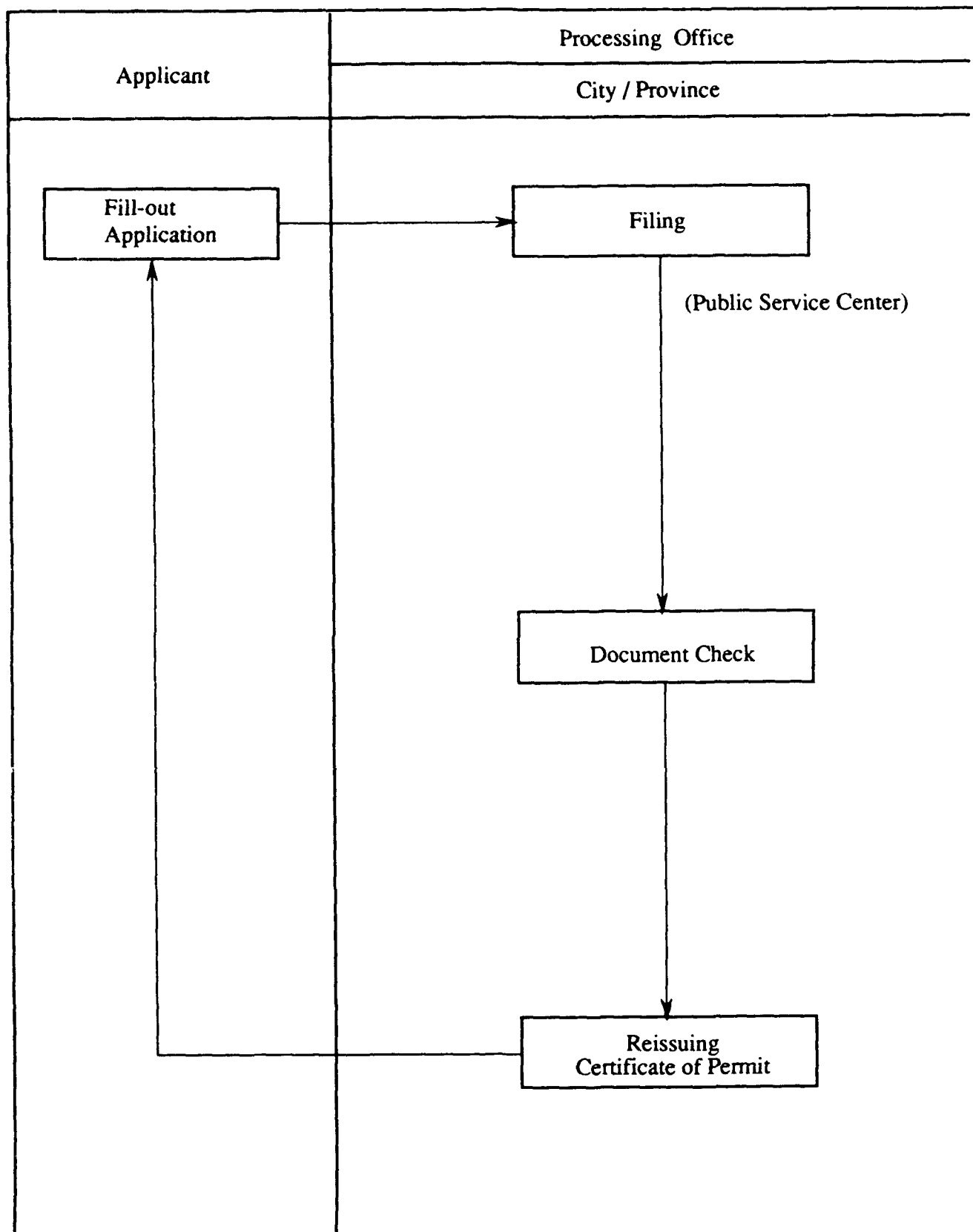
(back)

[Changed Items]

Serial No.	Date	Details	Confirm

APPLICATION FOR REISSUE OF CERTIFICATE OF DOMESTIC WASTE DISPOSAL SERVICE				<div style="border: 1px solid black; padding: 2px;">Process Time</div> <div style="border: 1px solid black; padding: 2px;">3 days</div>
REPORTOR	1) Name of Business		2) Approval No.	
	3) Name (President)		4) Residence Registration No.	
	5) Address of Business (Tel:)			
6) Type of Business				
7) Waste for Business				
8) Reason of Applying for Reissue		<input type="checkbox"/> Loss <input type="checkbox"/> Damage		
<p>I hereby apply for reissuing Certificate of Permit for Domestic Waste Disposal Service for the reason given above, pursuant to Article 17.1 in the Law, and Article 14 in the Regulation of the Waste Management Law.</p> <p style="text-align: right; margin-top: 100px;">Date : . . .</p> <p style="text-align: right; margin-top: 10px;">Applicant : (signature)</p> <p style="margin-top: 50px;">To Mayors/Governors</p>				
Enclosure				<div style="border: 1px solid black; padding: 2px;">Fee</div> <div style="border: 1px solid black; padding: 2px;">None</div>
1. 1 copy of written statement for reasons in case of losing a certificate of permit 2. The original Certificate of Permit in case of worn-out				

This application form is processed as follows:



APPLICATION FOR <input type="checkbox"/> PERMIT <input type="checkbox"/> PERMIT FOR CHANGE] OF CONSTRUCTION OF DOMESTIC WASTE DISPOSAL FACILITY					Process Time 30 days
REPORTOR	1) Name of Business		2) Type of Business		
	3) Name (President)		4) Residence Registration No.		
	5) Address of Business		(Tel:)		
6) Waste for Business					
7) Name of business discharging waste for disposal					
8) Expected Location of Disposal Facility Construction		(Tel:)			
9) Expected Date of Construction Start				10) Expected Date of Completion	
11) Name of Disposal Facility	12) Disposal Size (Capacity)	13) Type of Waste for Disposal	14) Expected Disposal Volume (t/yr)	15) Name of Preventive Facility	
16) Details of Change	Before Change		After Change		Reasons of Change
<p>I hereby submit an APPLICATION for <input type="checkbox"/> PERMIT <input type="checkbox"/> PERMIT FOR CHANGE] of Construction of Domestic Waste Disposal Facility, pursuant to Article 20.2 in the Law, and <input type="checkbox"/> Article 16.1 <input type="checkbox"/> Article 16.3] in the Regulation of the Waste Management Law.</p> <p style="text-align: right; margin-top: 20px;">Date :</p> <p style="text-align: right; margin-top: 10px;">Applicant : (signature)</p> <p style="margin-top: 30px;">To Minister of Environment Mayors/Governors Regional Administrators of Environmental Administration</p>					

Enclosure :

Fcc

None

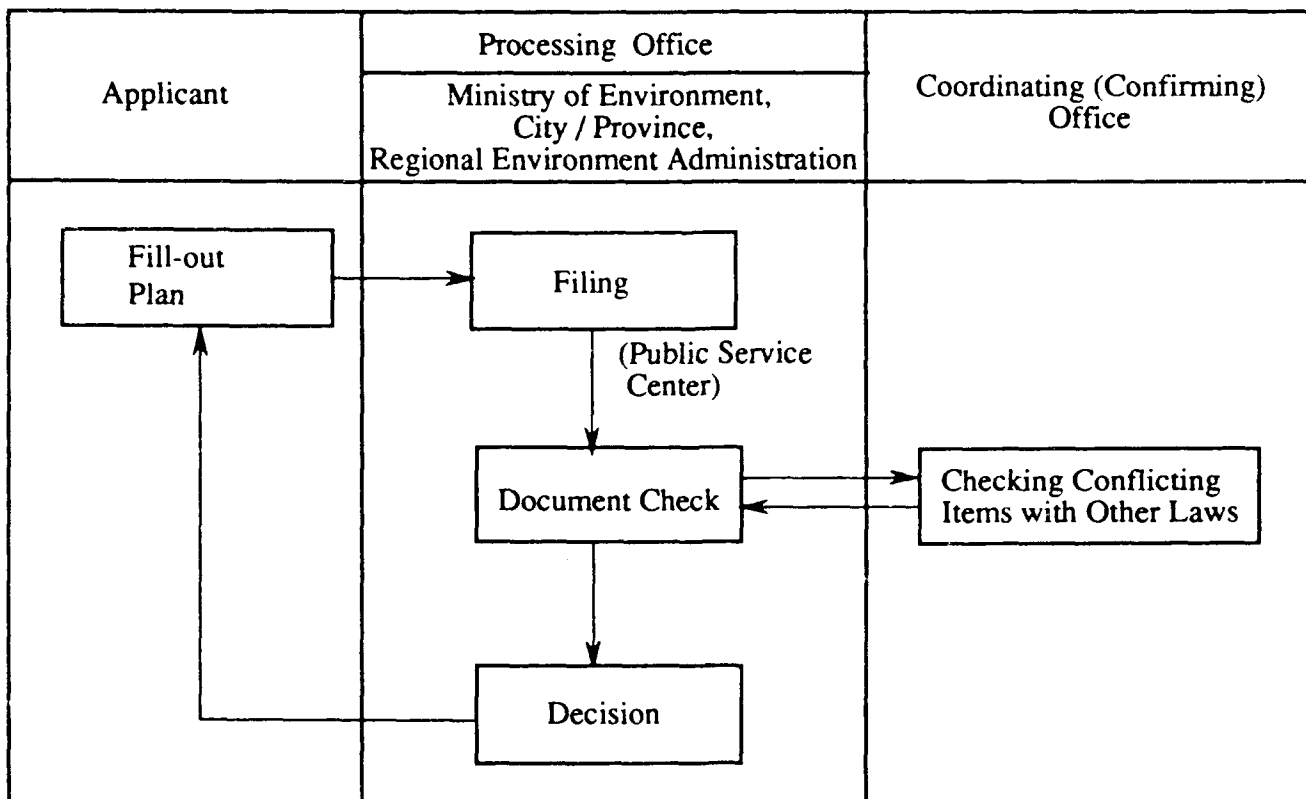
1. 1 copy of Construction Plan of Domestic Waste Disposal Facility
2. 1 copy of Written Validity Research for facility construction including items notified by the Minister of Environment (only for landfill facilities with 10,000 m² or more of the size or 30,000 m³ or more of the capacity, and incineration facilities with 50 t/day or more of incineration capacity)
3. 1 copy of Design Plan of the domestic waste disposal facility
4. 1 copy of Post-Management Plan (only for landfill facilities) of domestic waste disposal facilities

* For an Application for approval of change, Documents that ensure the contents of changes

[Fill-out Information]

1. One shall record the type of business (2) pursuant to the Korean Standards of Industrial Classification (small classification).
2. One shall record the type of waste (6) in the concrete, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration leftovers, stabilized or solidified leftovers, waste catalyzers, waste inhalants, waste absorbent, sludge, animal leftovers, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eatables, vegetables, waste glass, and waste plastics, etc.
3. Size (Capacity) of item 12) shall be filled-out by disposal capacity/hr and average operating hours/day.

This application form is processed as follows:

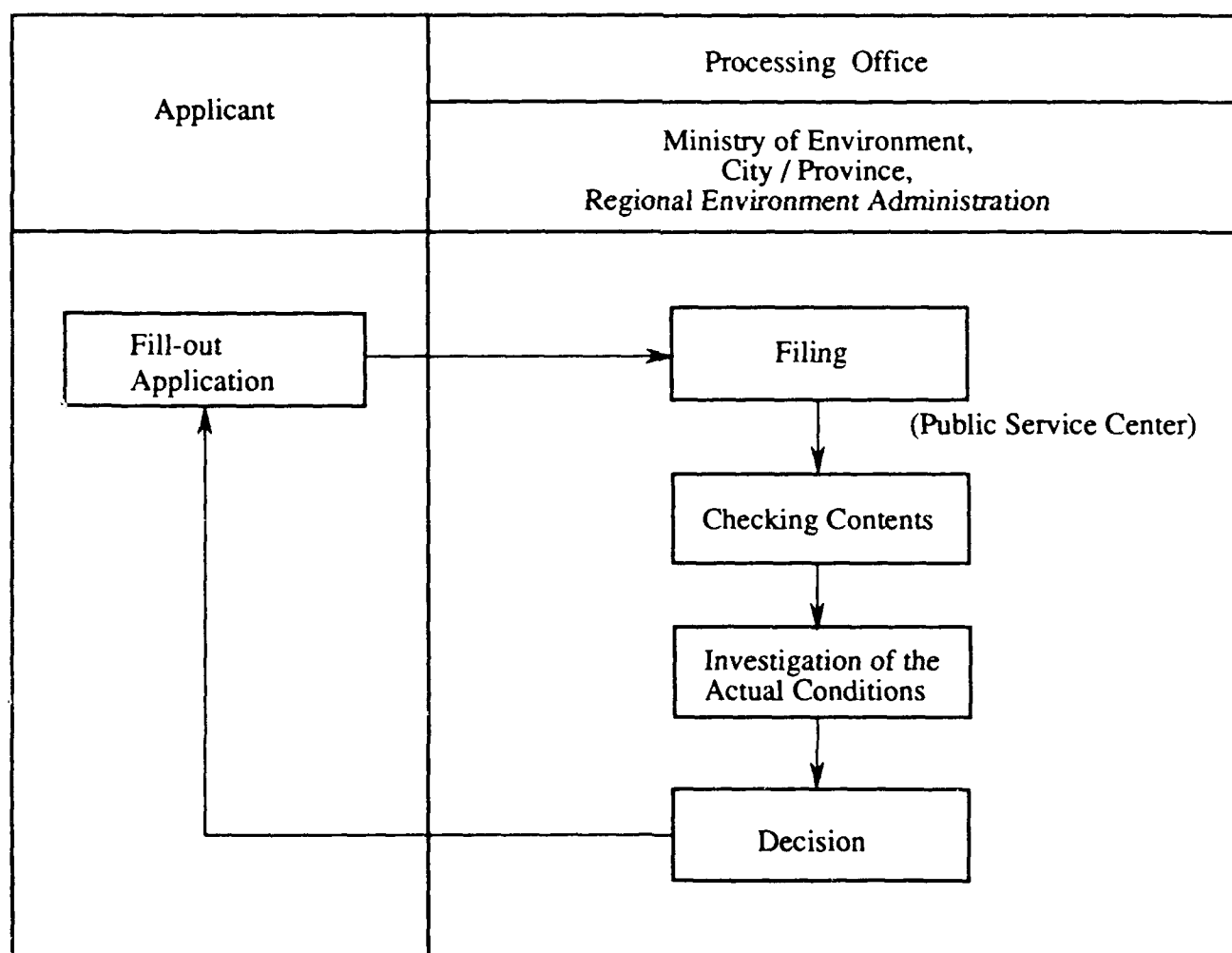


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[Fill-out Information]

1. One shall record the name of business firm approved (permitted) for construction of the domestic waste disposal facility in the name of business (1).
2. One shall record the type of waste (9) in the concrete, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration leftovers, stabilized or solidified leftovers, waste catalyzers, waste inhalants, waste absorbent, sludge, animal leftovers, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eatables, vegetables, waste glass, and waste plastics, etc.
3. Size (Capacity) of item 11) shall be filled-out by disposal capacity/hr and average operating hours/day.

This application form is processed as follows:



REPORT FOR STARTING USE OF DOMESTIC WASTE LANDFILL FACILITY

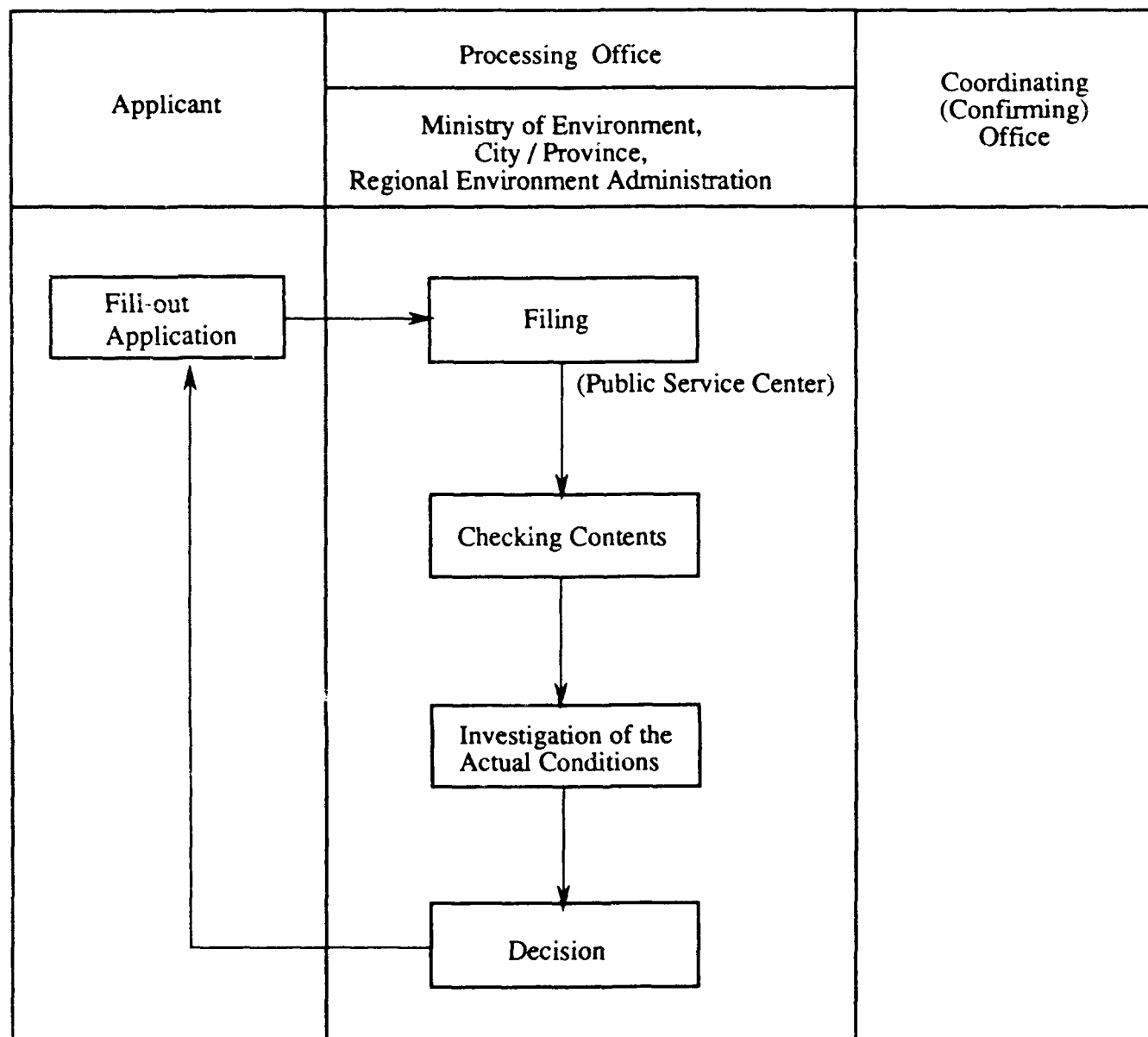
Process Time
15 days

REPORTOR	1) Name of Business			2) Date of Construction Approval (Permit)		
	3) Name (President)			4) Residence Registration No.		
	5) Address of Business	(Tel:)				
6) Date of Completion : . . .		7) Expected Date of Use : . . .		8) Expected Date of Completion of Use: . . .		
9) Location of Landfill Facility		(Tel: . . .)				
USE PLAN by DISTRICT in the whole facility		10) By District				
		11) Size (m^2)				
		12) Capacity (m^3)				
		13) Period of Use				
14) Size of Landfill Area		Size (m^2)		Capacity (m^3)		Average Height of Landfill (m)
<p>I hereby report Commencement of Use of a domestic waste landfill facility, pursuant to Article 20.3 in the Law, and Article 17 in the Regulation of the Waste Management Law.</p> <p>Date : . . .</p> <p>Reportor : (signature)</p> <p>To Minister of Environment Mayors/Governors Regional Administrators of Environmental Administration</p>						
Enclosure :						Fee
1 copy of Operation-Management Plan						None

[Fill-out Information]

1. The expected date of completion of use (8) shall be reckoned in consideration of estimated average landfill volume/day and the amount of covering up soil.
2. One shall record the actual size of possible landfilling for size and the actual volume of possible landfilling for capacity in items 10) through 14).
3. One shall record the size of whole area in the size of landfill area (14).

This application form is processed as follows:

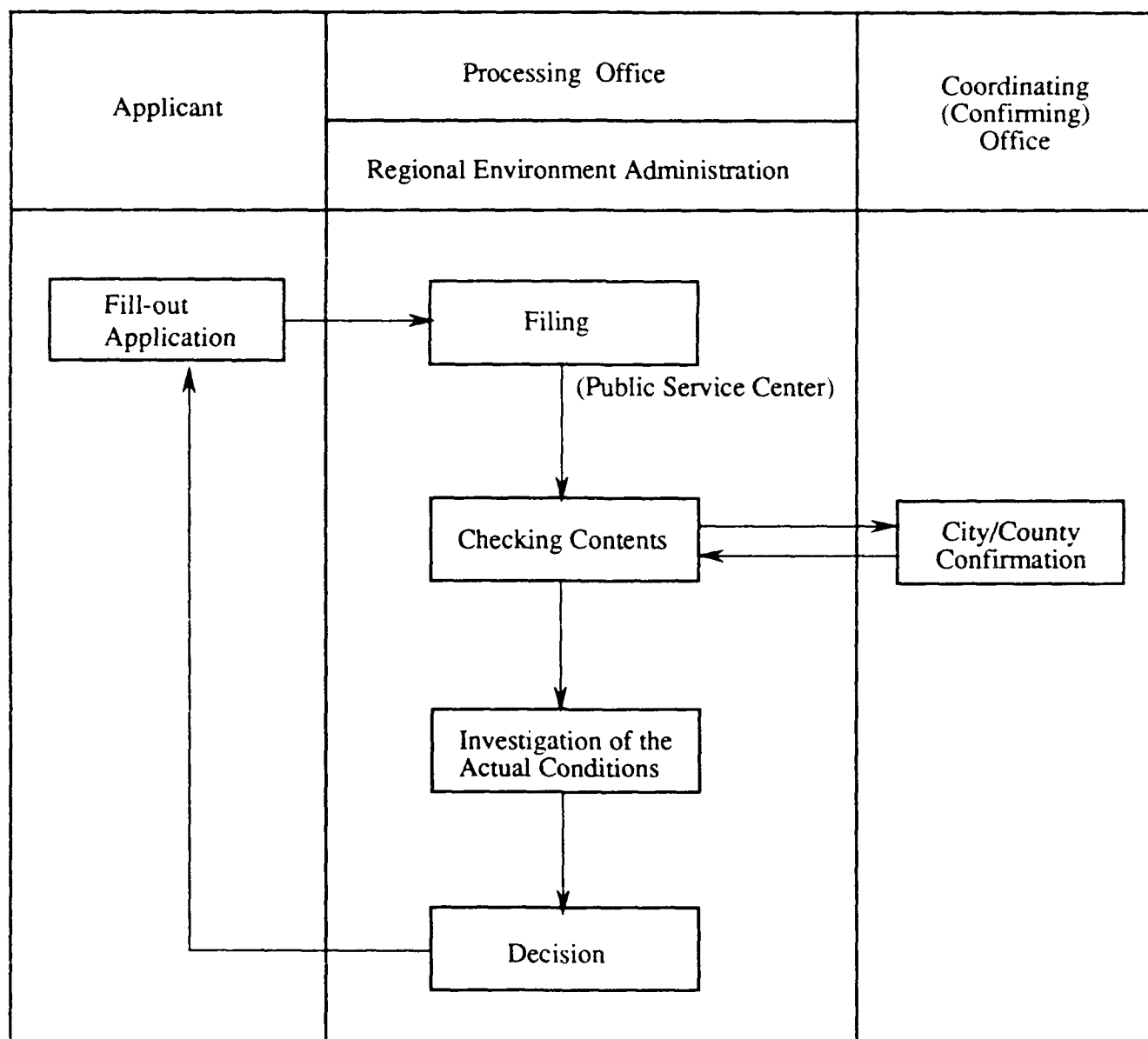


APPLICATION FOR APPROVAL OF DESIGN/CONSTRUCTION OF DOMESTIC WASTE DISPOSAL FACILITY				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Process Time</td> </tr> <tr> <td style="padding: 2px; text-align: center;">20 days</td> </tr> </table>	Process Time	20 days
Process Time						
20 days						
REPORTOR	1) Name of Business					
	2) Name (President)		3) Residence Registration No.			
	4) Address of Business	(Tel:)				
5) Location of Disposal Facility		(Tel:)				
6) Facility for Approval			7) Size (Capacity)			
8) Technical Ability						
<p>I hereby submit an application for approval of design/construction of domestic waste disposal facility, pursuant to Article 21.1 in the Law, and Article 20.1 in the Regulation of the Waste Management Law.</p> <p style="text-align: right; margin-top: 40px;">Date :</p> <p style="text-align: right; margin-top: 10px;">Applicant : (signature)</p> <p style="margin-top: 40px;">To Regional Administrators of Environmental Administration</p>						
Enclosure : <ul style="list-style-type: none"> 1. 1 copy of Explanation of an Outline for the facility 2. 1 copy of Expense Accounts for Construction 3. 1 copy of a Design Plan 4. 1 copy of Documents specifying Location, Capacity, and Disposal Procedures of facility 5. 1 copy of Documents that verifies Ability of Design and Construction 			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Fee</td> </tr> <tr> <td style="padding: 2px; text-align: center;">None</td> </tr> </table>	Fee	None	
Fee						
None						

[Fill-out Information]

1. Facility for approval (6) shall be filled-out by the name of disposal facility specified in Article 3 of the Decree.
2. Size (Capacity) of item 7) shall be filled-out by disposal capacity/hr and average expected operating hours/day.
3. One shall record degrees and numbers of people by the types of qualification certificate in the technical ability (8).

This application form is processed as follows:



Approval No.:

**APPROVAL FOR DESIGN/CONSTRUCTION OF
DOMESTIC WASTE DISPOSAL FACILITY**

1) Name of Business			
2) Name (President)		3) Residence Registration No.	
4) Address of Business			
5) Facility and Size (Capacity) Approved			
6) Location of Disposal Facility			

I hereby approve design/construction of domestic waste disposal facility, pursuant to Article 21.1 in the Law, and Article 20.2 in the Regulation of the Waste Management Law.

Date :

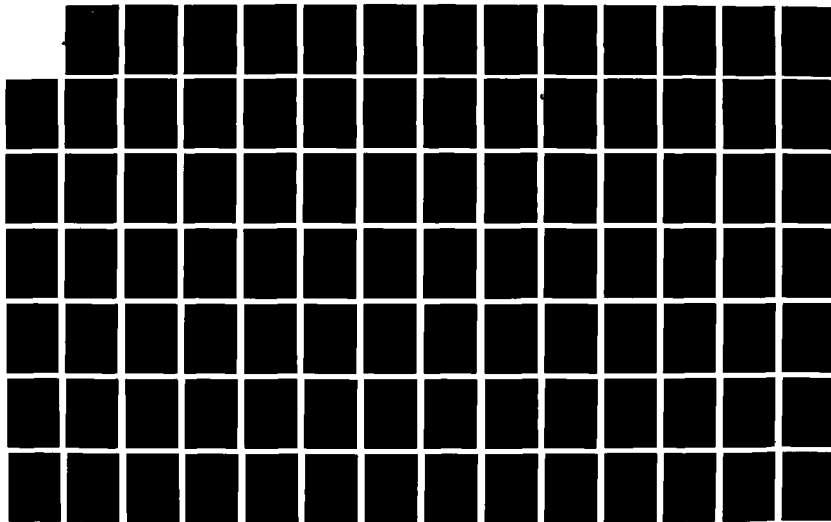
Regional Administrators of Environmental Administration (signature)

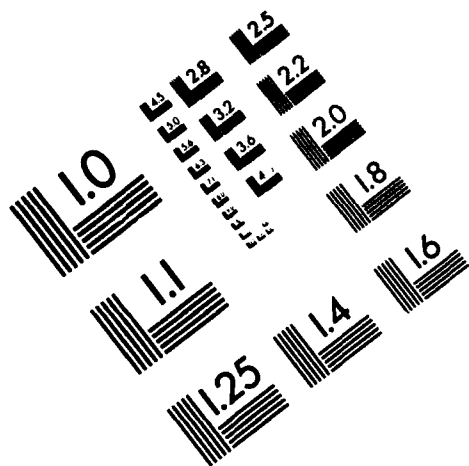
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APPLICATION FOR <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REGISTRATION OF CHANGE		OF DESIGN/ CONSTRUCTION BUSINESS FOR DOMESTIC WASTE DISPOSAL FACILITY		Process Time 20 days
REPORTOR	1) Name of Business		2) Type of Disposal	
	3) Name (President)		4) Residence Registration No.	
	5) Address of Business		(Tel:)	
6) Location of Laboratory		(Tel:)		
7) Capital Stock (Property)		won		
8) Technical Ability				
<p>I hereby submit an APPLICATION for <input type="checkbox"/> registration <input type="checkbox"/> registration of change] of design/construction business for domestic waste disposal facility, pursuant to Article 21.3 in the Law, and <input type="checkbox"/> Article 23.2 <input type="checkbox"/> Article 24.2] in the Regulation of the Waste Management Law.</p> <p style="text-align: right;">Date :</p> <p style="text-align: right;">Applicant : (signature)</p> <p style="text-align: center;">To Regional Administrators of Environmental Administration</p>				
Enclosure				Fee
				New : 40,000 won
				Change : 20,000 won
<ol style="list-style-type: none"> 1. 1 copy of an Identification Paper (a transcript of corporation registration and ID papers of staffs in case of a corporation) 2. 1 copy of Facility and Equipment Details (a contract of measurement execution by proxy in case of vicarious execution contract with an assigned measurement agent who meets the requirements of facilities and equipment, pursuant to Article 39 in the Regulations of the Air Environment Preservation Law and Article 51 in the Regulations of the Water Environment Preservation Law) 3. 1 copy of Documents that ensures reserved condition of technical abilities and its qualification 4. 1 copy of Documents that ensures capitals or estates 5. 1 copy of Documents that ensures a license appropriate to the relevant field pursuant to the Construction Law <p>* For an Application for approval of change, Documents that ensure the contents of changes and Registration Certificate</p>				

AD-A286 038 KOREAN WASTE MANAGEMENT LAW PRESIDENTIAL DECREE NUMBER 374
13480 AND PRIME MI. (U) CONSTRUCTION ENGINEERING
RESEARCH LAB (ARMY) CHAMPAIGN IL B KIM ET AL. JUN 94
UNCLASSIFIED CERL-EP-94/03 XA-DA MIPR-WTQ4QDL-92-91

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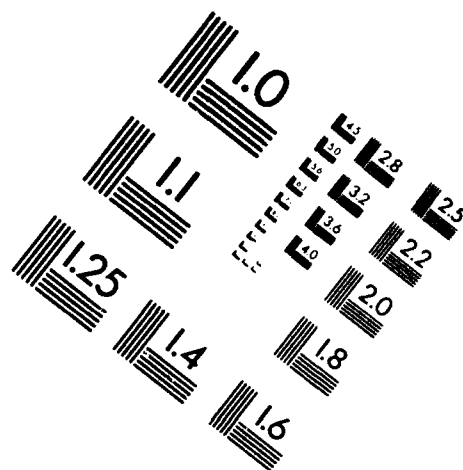




AIIM

Association for Information and Image Management

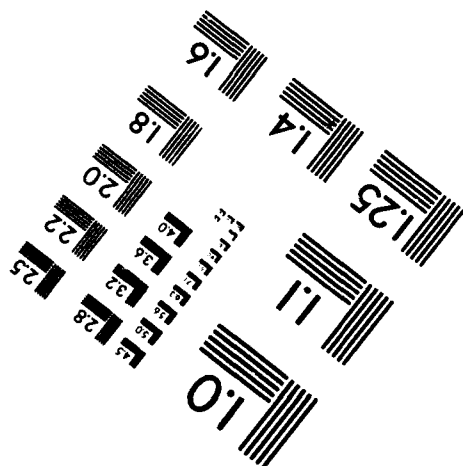
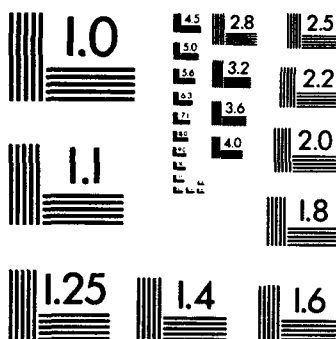
1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202



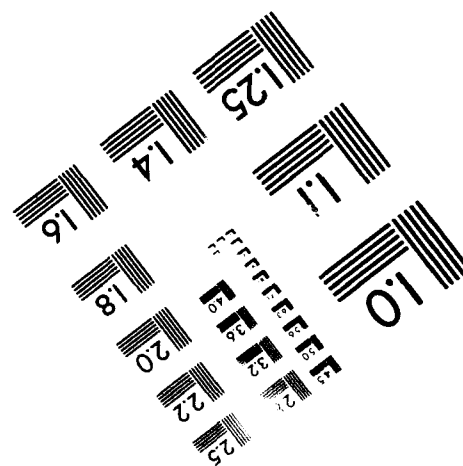
Centimeter



Inches



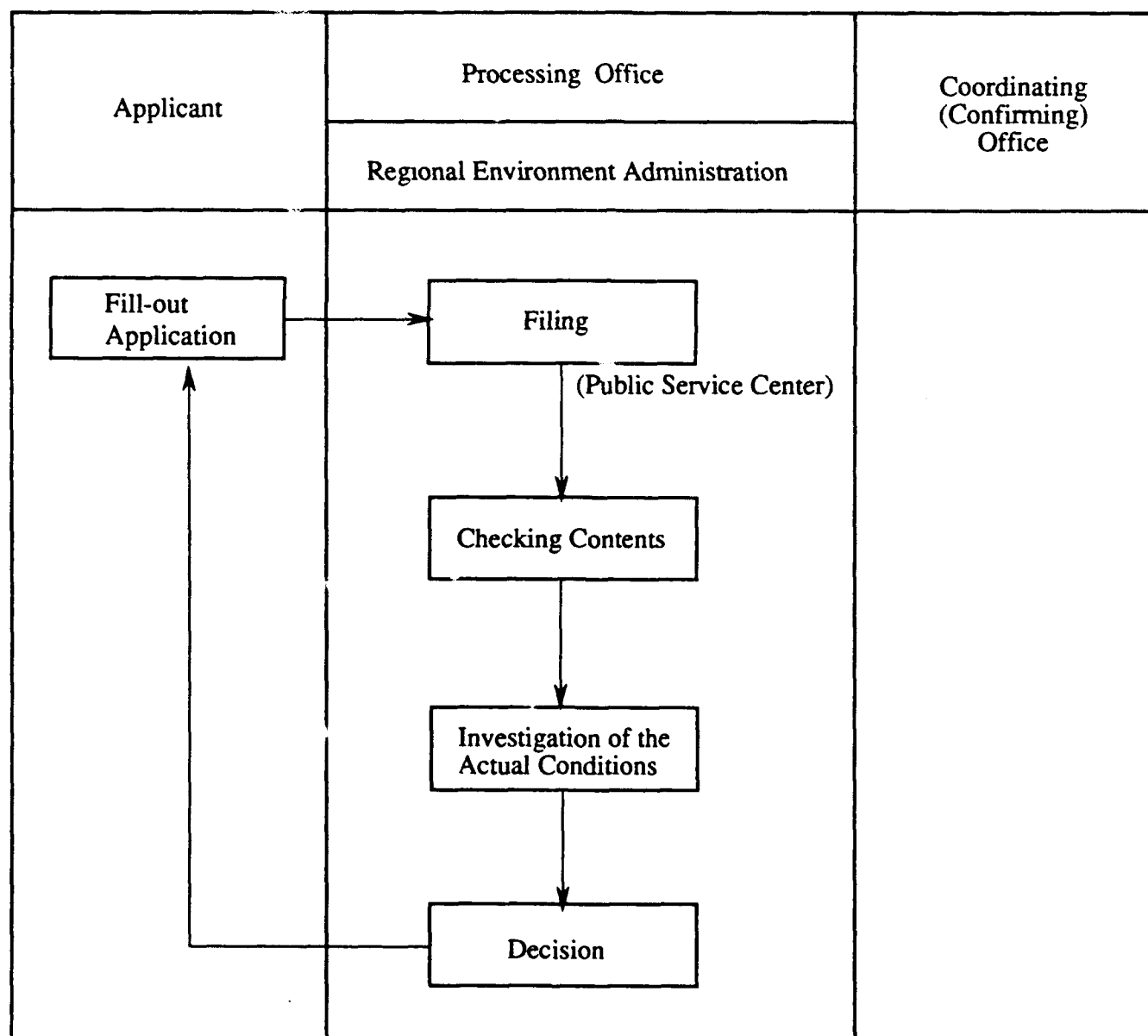
MANUFACTURED TO AIIM STANDARDS
BY APPLIED IMAGE, INC.



[Fill-out Information]

1. One shall record every fields wanted of the disposal facilities specified in Article 3 of the Decree, in the type of disposal (2).
2. One shall record degrees and numbers of people by the types of qualification certificate in the technical ability (8).

This application form is processed as follows:



Registration No.:

**CERTIFICATE OF REGISTRATION FOR DESIGN/CONSTRUCTION
BUSINESS OF DOMESTIC WASTE DISPOSAL FACILITY**

1) Name of Business		2) Type of Disposal	
3) Name (President)		4) Residence Registration No.	
5) Address of Business			
6) Location of Laboratory			
7) Capital Stock (Property)	won		

I hereby confirm the registration for design/construction business of domestic waste disposal facility, pursuant to Article 21.3 in the Law, and Article 23.3 in the Regulation of the Waste Management Law.

Date :

Regional Administrators of Environmental Administration (signature)

[Changed Items]

(back)

[illegible]

REPORT FOR <input type="checkbox"/> GENERATOR <input type="checkbox"/> GENERATOR FOR CHANGE] OF SPECIAL WASTE								Process Time 7 days		
REPORTOR	1) Name of Business			2) Type of Business						
	3) Name (President)			4) Residence Registration No.						
	5) Address of Business			(Tel:)						
6) Major Products			7) Output (t/yr)		8) Major Raw Material Used			9) The Amount Used (t/yr)		
10) Manufacturing Process										
DISCHARGING and DISPOSAL PLAN of SPECIAL WASTE (t/yr)										
11) Type of Waste	12) Dis- charging Volume	13) Self-Disposal Volume			14) Trust-Disposal Volume					
		Recycle	Intermediate Disposal	Final Disposal	Recycler	Disposer	Public Disposal Facility			
15) Change Details		Before Changes		After Changes			Reasons of Changes			
16) Reason for Report		Start of Business			Change (Date: . . .)					
<p>I hereby submit an REPORT for <input type="checkbox"/> GENERATOR <input type="checkbox"/> GENERATOR FOR CHANGE] of SPECIAL WASTE, pursuant to Article 24.2 in the Law, and <input type="checkbox"/> Article 26.1 <input type="checkbox"/> Article 26.4] in the Regulation of the Waste Management Law.</p> <p style="text-align: right;">Date : . . .</p> <p style="text-align: right;">Applicant : (signature)</p> <p style="text-align: center;">To Regional Administrators of Environmental Administration</p>										

Enclosure :

Fee

None

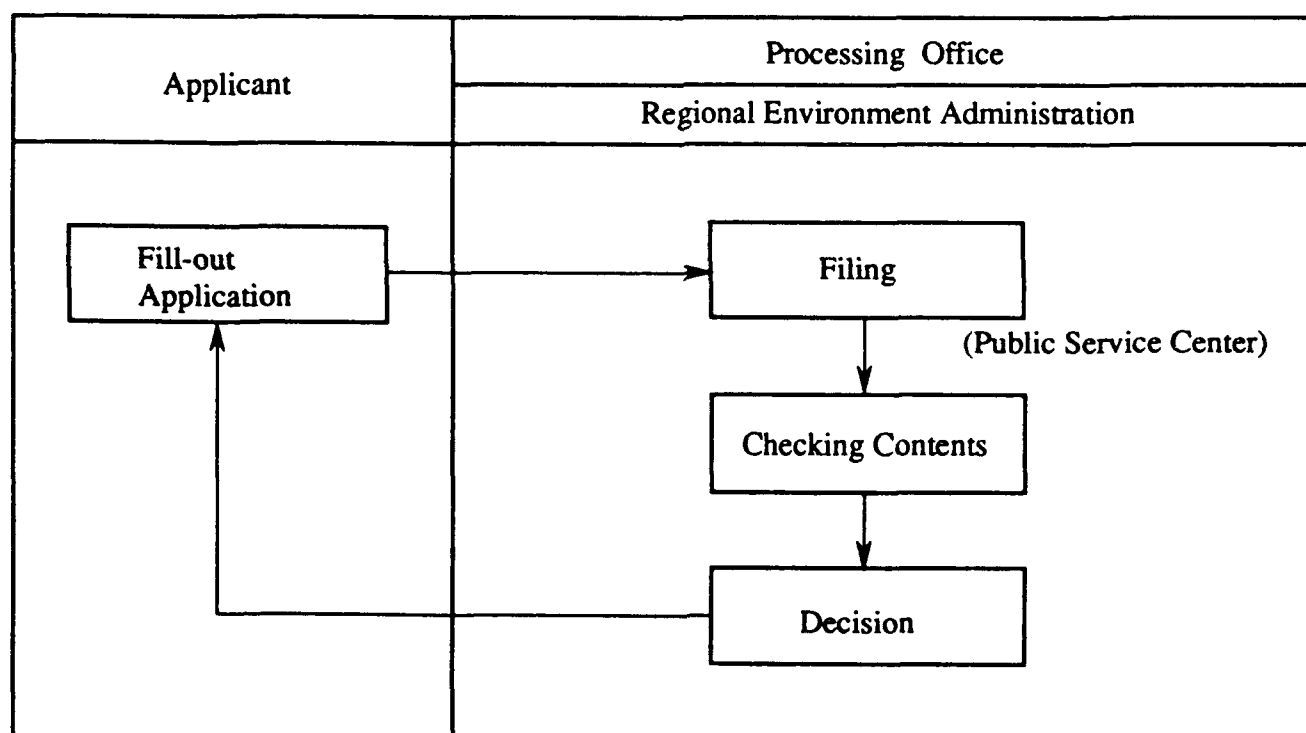
1. 1 copy of a Plan of manufacturing process
2. 1 copy of Details of types, constituents, and expected generating volume of special waste
3. 1 copy of Disposal Plan by the type of special waste
4. 1 copy of Construction Details or Construction Plan (only for self-disposal)

* For an Application for report of change, Report Certificate of Special Waste Generator

[Fill-out Information]

1. One shall record the type of business (2) pursuant to the Korean Standards of Industrial Classification (small classification).
2. One shall draw the flowchart of the total process by each work unit covering from the storage & input of source materials to the output of the final product for the Plan of manufacturing process. One shall also indicate the point of input of source, sub-source materials, additives, and the point of generation of the special waste.
3. In the Details of types, constituents, and expected generating volume of special waste, one shall record the amount of the source, sub-source materials used, the name of product, production, and the type/ constituent/quantity of the special waste estimation by each process.
4. In the Disposal Plan of special waste, one shall record the disposal plan in detail by each type of waste.

This application form is processed as follows:



CERTIFICATE OF REPORT FOR SPECIAL WASTE GENERATOR

REPORTOR	1) Name of Business		2) Type of Business				
	3) Name (President)		4) Residence Registration No.				
	5) Address of Business	(Tel:)					
6) Major Products		7) Output (t/yr)	8) Major Raw Material Used	9) The Amount Used (t/yr)			
10) Manufacturing Process							
DISCHARGING and DISPOSAL PLAN of SPECIAL WASTE (t/yr)							
11) Type of Waste	12) Dis- charging Volume	13) Self-Disposal Volume			14) Trust-Disposal Volume		
		Recycle	Intermediate Disposal	Final Disposal	Recycler	Disposer	Public Disposal Facility

I hereby confirm the report for special waste generator, pursuant to Article 24.2 in the Law, and Article 26.3 in the Regulation of the Waste Management Law.

Date :

Regional Administrators of Environmental Administration (signature)

(Cont'd)

DISCHARGING and DISPOSAL PLAN of SPECIAL WASTE (t/yr)							
11) Type of Waste	12) Discharging Volume	13) Self-Disposal Volume			14) Trust-Disposal Volume		
		Recycle	Intermediate Disposal	Final Disposal	Recycler	Disposer	Public Disposal Facility

[Changed Items]

[illegible]

MANAGEMENT RECORD OF SPECIAL WASTE

(Type of Special Waste :) (unit: ton)

1) GENERATING DETAILS			DISPOSAL DETAILS																	
Date ...	Constituents	Generating Volume	2) Self-Disposal				3) Trust-Disposal				4) Storage									
			Date ...	Total	Recycle		Intermediate Disposal	Final Disposal		Other Disposal	Date ...	Total	Amount of Collection /Transportation			Intermediate/ Final Disposal		Storage Place	Storage Method	Amount of Storage
Volume	Method	Volume			Method	Volume		Method	Generator				Recycler	Collector/Transporter	Public Disposal Facility	Volume	Expected Disposer			

[Fill-out Information]

1. Management record shall be written by type of special waste pursuant to Table 1 in the Annex of the Decree
2. One shall record whenever the waste is generated or disposed of by each date, and summarize at the end of each month and finally roll up at the end of the year.
3. One shall use the unit of weight ton (for liquid, convert to weight by measuring the specific gravity), and classify the constituents into solid and liquid and record.
4. One shall record incineration, high temperature destruction, and landfill for disposal methods.
5. One shall classify the special waste actually collected/transported by the contract into generators, recyclers, collectors/transporters, and public disposal facilities, and record.
6. One shall record the name of entrusted-business (or agency) supposed to disposed of special waste in the Expected disposer.
7. One shall classify and record the Storage Method into drum storage and storage equipment, and record the Amount of Storage by accumulated amount of storage stored in the discharging company.

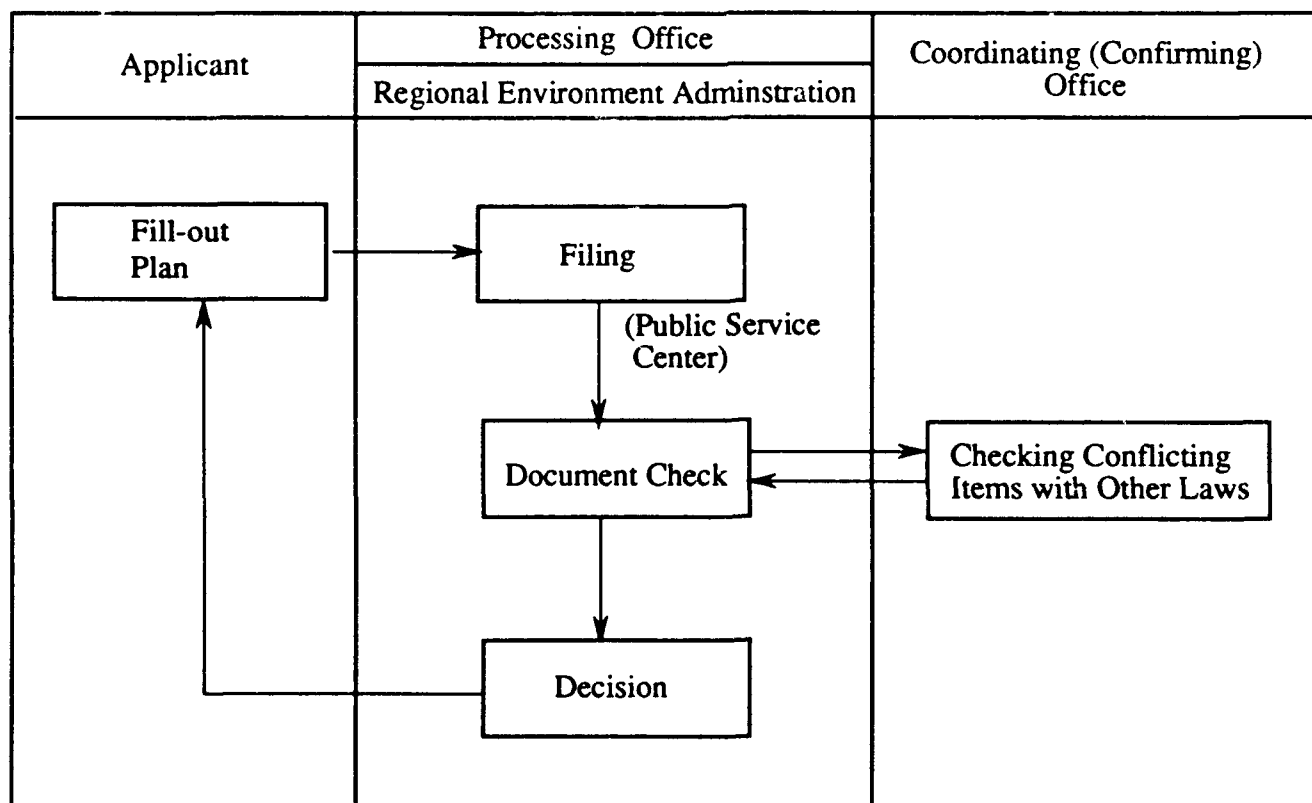
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<input type="checkbox"/> BUSINESS <input type="checkbox"/> BUSINESS CHANGE] PLAN FOR SPECIAL WASTE DISPOSAL				Process Time 50 days (30 days for business change)	
REPORTOR	1) Name (President)		2) Residence Registration No.		
	3) Address of Business		(Tel:)		
DETAILS OF BUSINESS	4) Name of Business		5) Capital Stock (Property)		,000,000 won
	6) Type of Business				
	7) Waste for Business				
	8) Business Area				
	9) Expected Location for Facility/Equipment				
	10) Expected Location for Office				
	11) Expected Date for Beginning Business		12) Expected Date for Applying for Disposal Service Permit		
13) Construction (Security) Details of Facility and Equipment (Change)					
Name of Facility/ Equipment		Size (Capacity)		Location	
14) Change Details	Before Changes		After Changes		Change Reason
I hereby submit <input type="checkbox"/> BUSINESS <input type="checkbox"/> BUSINESS CHANGE] PLAN FOR SPECIAL WASTE DISPOSAL, pursuant to Article 26.1 in the Law, and Article 33.2 in the Regulation of the Waste Management Law.					
Date :					
Presenter : (signature)					
To Regional Administrators of Environmental Administration					
Enclosure 1. 1 copy of Collection/Transportation or Disposal Plan of special waste targeted for disposal 2. 1 copy of Facility Construction or Equipment Security Plan 3. 1 copy of Technical Ability Security Plan					Fee
					None

[Fill-out Information]

1. One shall record every types of business (6) supposed to obtain permits.
2. One shall record the type of special waste (7) pursuant to Table 1 in the Annex to the Decree.
3. One shall record the business area (8) by the classifications of city and province, if necessary, by city, county, and ward.
4. One shall record all of expected locations for locating facility and equipment (9).
5. One shall record the current business office and expected construction location in the expected location for office (10).
6. One shall record the expected starting date for constructing or securing facilities or equipment in the expected date for beginning business (11).
7. one shall record the name of a disposal facility pursuant to Article 4 in the Decree for the name of disposal facility (13), disposal capability/hr and expected average operating hours/day for the size (capacity) of disposal facility, and transportation capacity by t or m³ for the transportation equipment.

This application form is processed as follows:



APPLICATION FOR <input type="checkbox"/> PERMIT <input type="checkbox"/> PERMIT FOR CHANGE] OF SPECIAL WASTE DISPOSAL SERVICE				Process Time 30 days
REPORTOR	1) Name of Business		2) Approval No. & Date for Business Plan	
	3) Name (President)		4) Residence Registration No.	
	5) Address of Business		(Tel:)	
6) Type of Business		7) Capital Stock (Property)		,000,000 won
8) Waste for Business				
9) Business Area				
10) Location of Business office				
11) Office Location				
12) Beginning Date of Business		13) Date of Completion		
14) Construction (Security) Details of Facility and Equipment (Change)				
Name of Facility/ Equipment	Size (Capacity)	Location	Name of Preventive Facility	Size (Capacity)
15) Security Details of Technical Ability	Waste Disposal Engineer : __ rate __ people, Air Environmental Engineer: __ rate __ people, Water Environmental Engineer: __ rate __ people, Civil Engineer : __ rate __ people, Chemical Engineer : __ rate __ people, Mechanical Engineer : __ rate __ people			
I hereby submit an APPLICATION for <input type="checkbox"/> PERMIT <input type="checkbox"/> PERMIT FOR CHANGE] PLAN FOR SPECIAL WASTE DISPOSAL, pursuant to Article 26.1 in the Law, and <input type="checkbox"/> Article 33.4] in the Regulation of the Waste Management <input type="checkbox"/> Article 34.2 Law.				
Date : Applicant : (signature)				
To Regional Administrators of Environmental Administration				

Enclosure :

Fee

New : 20,000 won

Change : 10,000 won

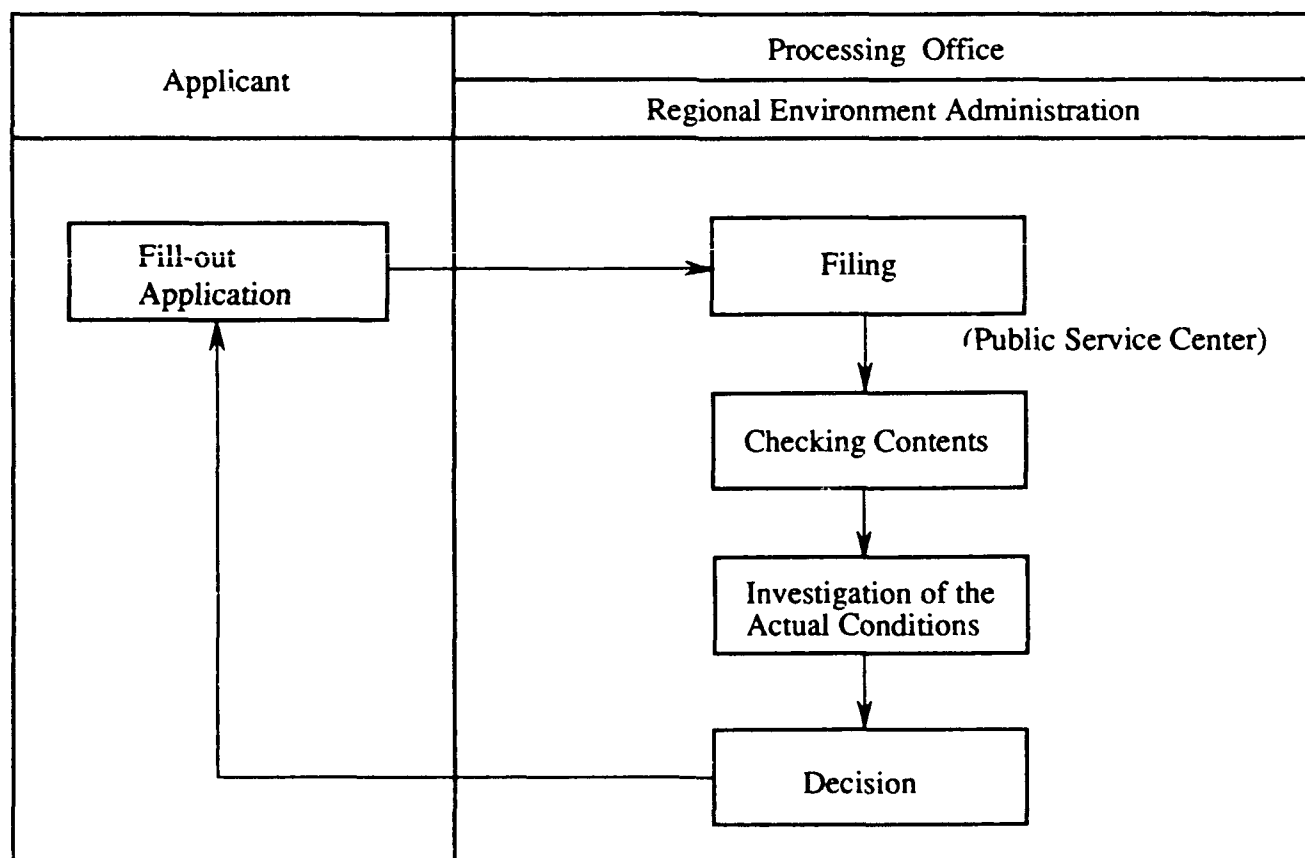
1. 1 copy of Identification Certificate (Corporation Registration Transcript and President's Identification card, for a Corporation)
2. 1 copy of Written Details for facilities and equipment
3. 1 copy of Construction Details, Plan, and Disposal Process (only for intermediate and final disposal services of domestic waste) of the Disposal facility
4. A Manufacturing Process Drawing of the special waste targeted for disposal (a Collection/Transportation Plan, for the collection/transportation service)
5. 1 copy of Technical Ability Retention Condition and Document that ensures the qualification
6. 1 copy of Document that ensures the Capital Stock or Property
7. 1 copy of Post-Management Plan (only for landfill facilities) of special waste disposal facilities

* For an Application for approval of change, Documents that ensure the contents of changes and Permit Certificate

[Fill-out Information]

1. The recording procedure from 1) to 11) is same as the procedure of Special Waste Disposal Business Plan (Form No.17).
2. One shall record degrees and numbers of people by the types of qualification certificate in item 15).

This application form is processed as follows:



Permit No.

CERTIFICATE OF PERMIT FOR SPECIAL WASTE DISPOSAL SERVICE

1) Name of Business		2) Capital Stock (Property)	,000,000 won
3) Name (President)		4) Residence Registration No.	
5) Type of Business			
6) Address of Business			
7) Waste for Business			
8) Business Area			
9) Location of Business office			
10) Permit Requirements			

I hereby permit a Special Waste Disposal Service, pursuant to Article 26.1 in the Law, and Article 33.6 in the Regulation of the Waste Management Law.

Date :

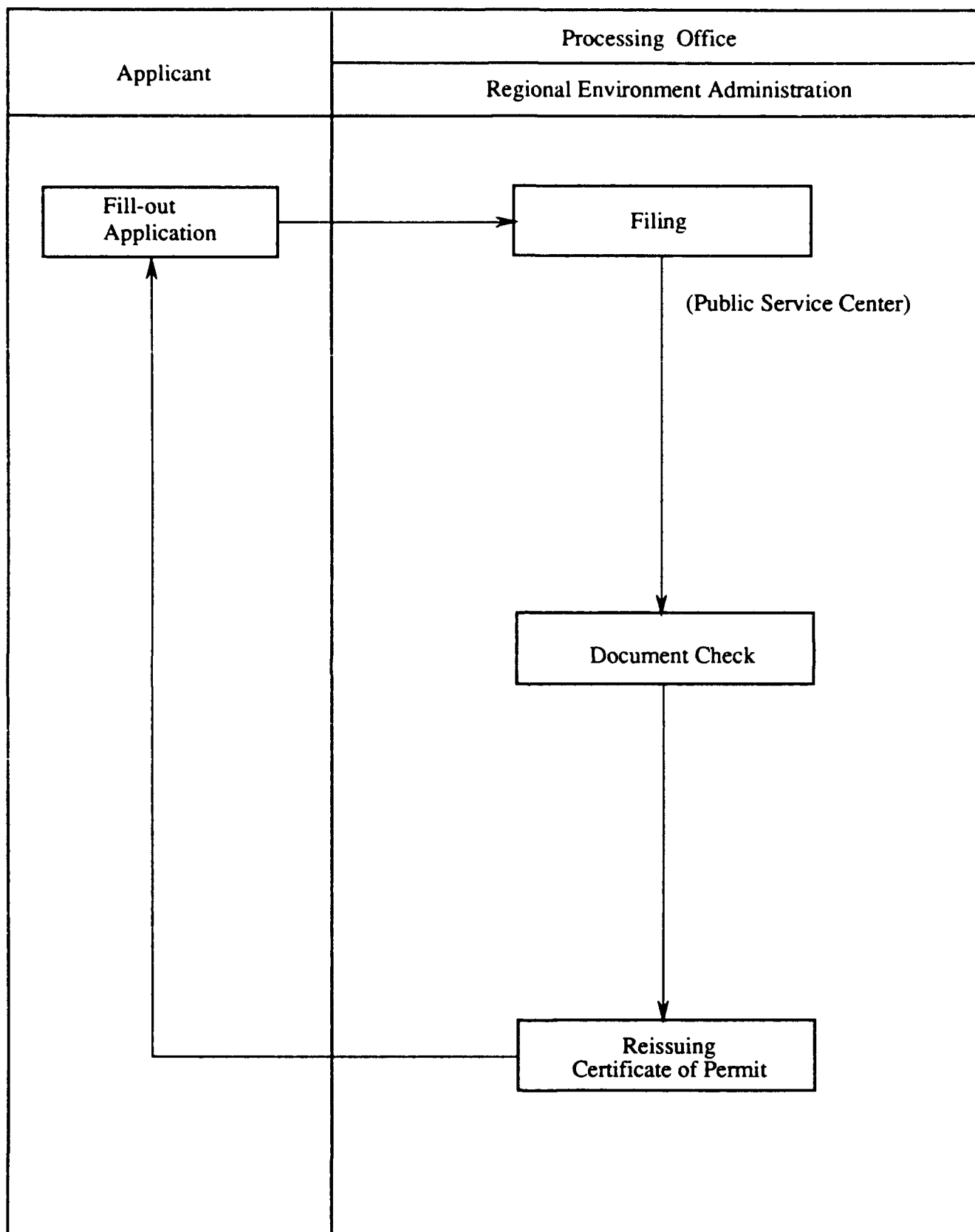
Regional Administrator of Environmental Administration (signature)

[Changed Items]

Date	Details	Confirm

APPLICATION FOR REISSUE OF CERTIFICATE OF SPECIAL WASTE DISPOSAL SERVICE				<div style="border: 1px solid black; padding: 2px;">Process Time</div> <div style="border: 1px solid black; padding: 2px;">3 days</div>
REPORTOR	1) Name of Business		2) Approval No.	
	3) Name (President)		4) Residence Registration No.	
	5) Address of Business (Tel:)			
6) Type of Business				
7) Waste for Business				
8) Reason of Applying for Reissue		<input type="checkbox"/> Loss <input type="checkbox"/> Damage		
<p>I hereby apply for reissuing Certificate of Permit for Special Waste Disposal Service for the reason given above, pursuant to Article 26.1 in the Law, and Article 35 in the Regulation of the Waste Management Law.</p> <p style="text-align: right; margin-top: 100px;">Date :</p> <p style="text-align: right; margin-top: 10px;">Applicant : (signature)</p> <p style="text-align: center; margin-top: 30px;">To Regional Administrators of Environmental Administration</p>				
Enclosure <ol style="list-style-type: none"> 1. 1 copy of written statement for reasons in case of losing a certificate of permit 2. The original Certificate of Permit in case of worn-out 				<div style="border: 1px solid black; padding: 2px;">Fee</div> <div style="border: 1px solid black; padding: 2px;">None</div>

This application form is processed as follows:



APPLICATION FOR <input type="checkbox"/> PERMIT <input type="checkbox"/> PERMIT FOR CHANGE] OF CONSTRUCTION OF SPECIAL WASTE DISPOSAL FACILITY					Process Time 30 days
REPORTOR	1) Name of Business		2) Type of Business		
	3) Name (President)		4) Residence Registration No.		
	5) Address of Business		(Tel:)		
6) Expected Location of Disposal Facility Construction		(Tel:)			
7) Expected Date of Construction Start		8) Expected Date of Completion			
9) Name of Disposal Facility	10) Disposal Size (Capacity)	11) Type of Waste for Disposal	12) Expected Disposal Volume (t/yr)	13) Name of Preventive Facility	
14) Details of Change	Before Change		After Change		Reasons of Change

I hereby submit an APPLICATION for ☐ PERMIT ☐ PERMIT FOR CHANGE] of Construction of Special Waste Disposal Facility, pursuant to Article 28.2 in the Law, and ☐ Article 38.1 ☐ Article 38.3] in the Regulation of the Waste Management Law.

Date :

Applicant : (signature)

To Minister of Environment
 Regional Administrators of Environmental Administration

Enclosure :

Fee

None

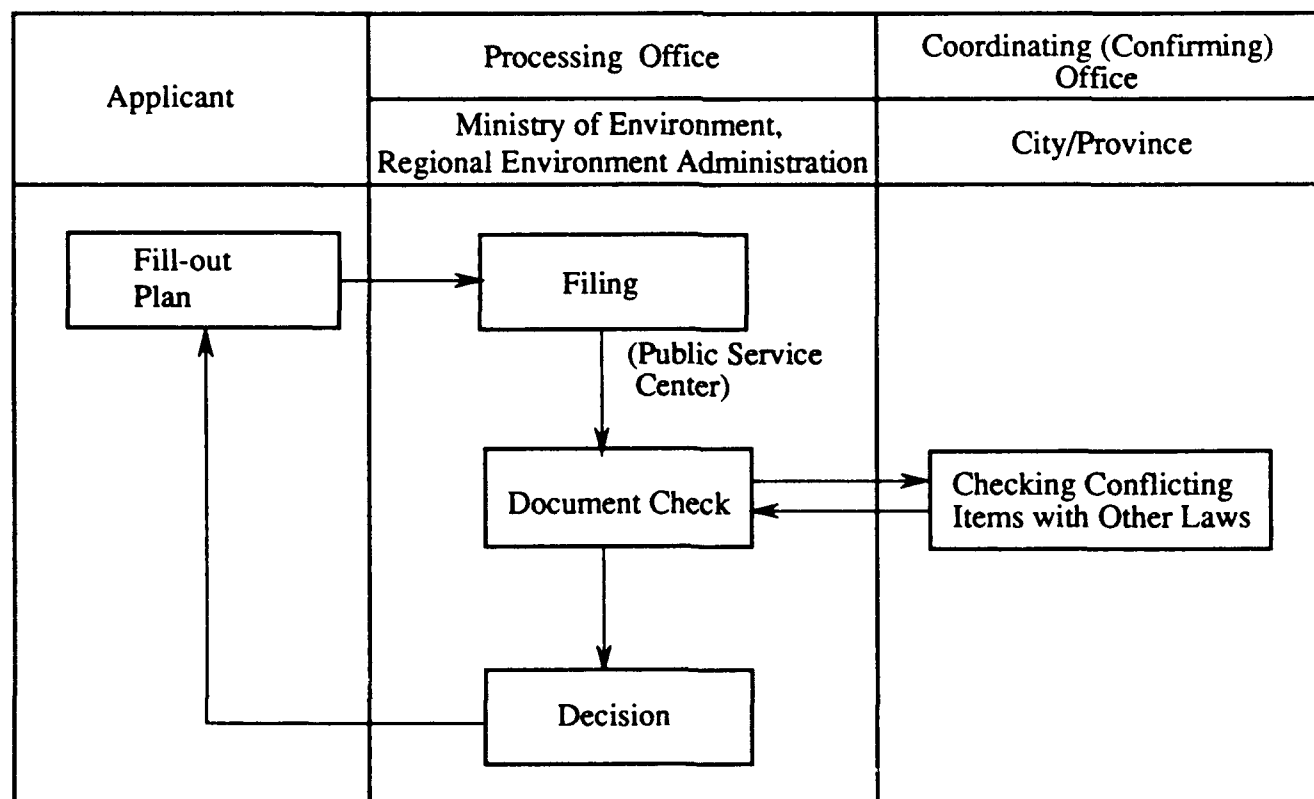
1. 1 copy of Manufacturing Process of special waste discharging service targeted for disposal and Details of Discharging Special Waste
2. 1 copy of Details of Type, Constituents, and Expected Discharging² Volume
3. 1 copy of Disposal Plan of special waste targeted for disposal
4. 1 copy of Construction and Equipment Security Plan of Special Waste Disposal Facility
5. 1 copy of Design Plan of the special waste disposal facility
6. 1 copy of Treatment Plan of waste generated after disposal
7. 1 copy of Post-Management Plan (only for landfill facilities) of special waste disposal facilities

* For an Application for approval of change, Documents that ensure the contents of changes

[Fill-out Information]

1. One shall record name of the representative business for the name of business (1), in case of a joint construction.
2. One shall record the type of business (2) pursuant to the Korean Standards of Industrial Classification (small classification).
3. Size (Capacity) of item 10) shall be filled-out by disposal capacity/hr and average operating hours/day.

This application form is processed as follows:

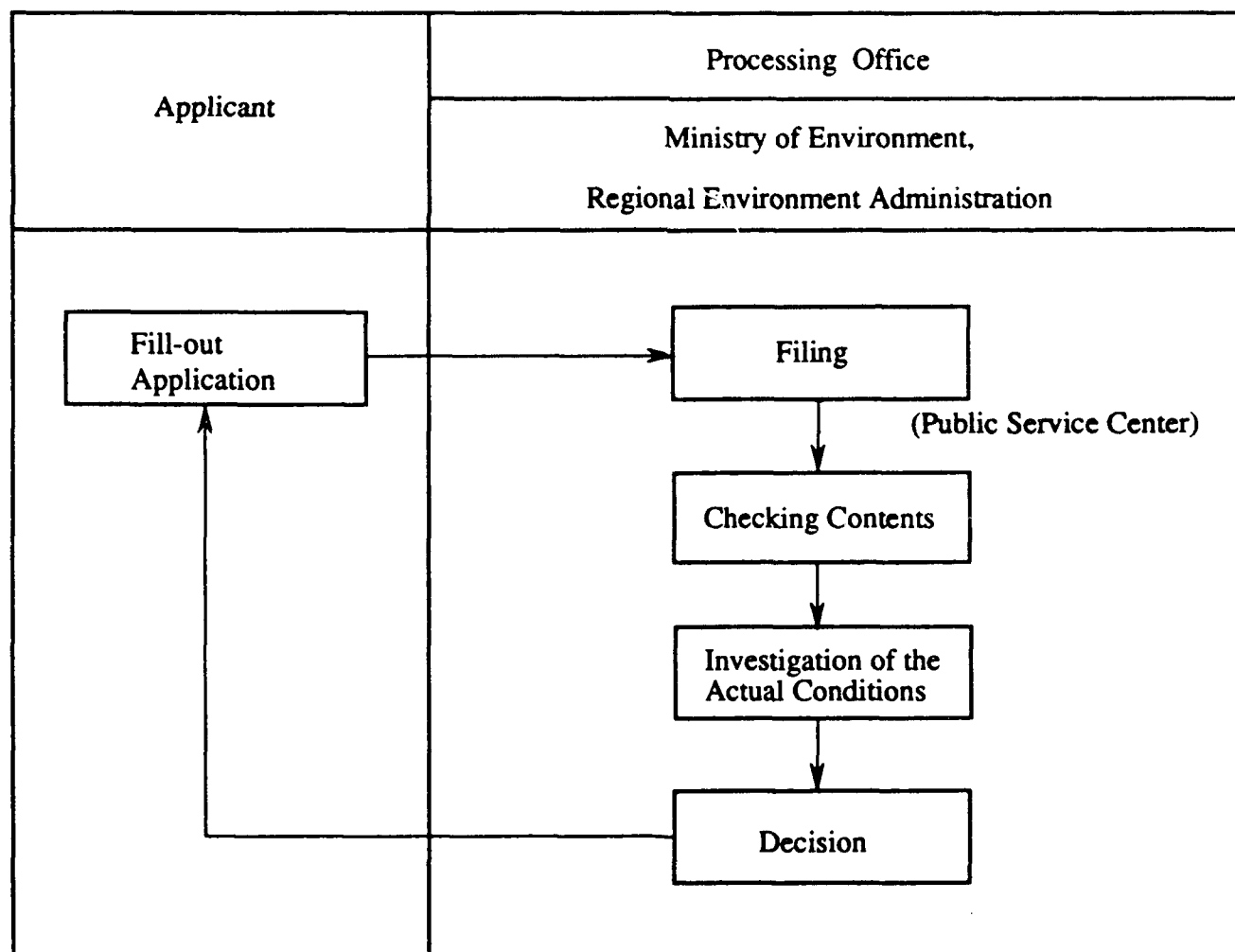


REPORT FOR STARTING USE OF SPECIAL WASTE DISPOSAL FACILITY				Process Time 15 days
REPORTOR	1) Name of Business		2) Date of Construction Approval (Permit)	
	3) Name (President)		4) Residence Registration No.	
	5) Address of Business (Tel:)			
6) Location of Disposal Facility		(Tel:)		
7) Date of Completion			8) Expected Date of Starting Use	
WASTE Targeted for DISPOSAL				
9) Type		10) Constituents	11) Expected Disposal Volume (t/yr)	
DISPOSAL FACILITY				
12) Name of Disposal Facility	13) Disposal Size (Capacity)	14) Expected Disposal Volume (t/yr)	15) Name of Preventive Facility	
<p>I hereby report Commencement of Use of a domestic waste disposal facility, pursuant to Article 28.3 in the Law, and Article 39 in the Regulation of the Waste Management Law.</p> <p style="text-align: right;">Date :</p> <p style="text-align: right;">Reportor : (signature)</p> <p style="text-align: center;">To Minister of Environment Regional Administrators of Environmental Administration</p>				
Enclosure : 1 copy of Operation-Management Plan				Fee None

[Fill-out Information]

1. One shall record the name of business firm approved (permitted) for construction of the special waste disposal facility in the name of business (1).
2. Size (Capacity) of item 13) shall be filled-out by disposal capacity/hr and average operating hours/day.

This application form is processed as follows:



REPORT FOR STARTING USE OF SPECIAL WASTE LANDFILL FACILITY

Process Time
15 days

REPORTOR	1) Name of Business		2) Date of Construction Approval (Permit)			
	3) Name (President)		4) Residence Registration No.			
	5) Address of Business	(Tel:)				
6) Location of Landfill Facility		(Tel:)				
7) Type of Landfill Facility	8) Size of Landfill Facility (m ²)	9) Landfill Capacity (m ³)	10) Waste for Landfill	11) Date of Construction Completion	12) Expected Date of Starting Use	13) Expected Date of Completion of Use

I hereby report Commencement of Use of a special waste landfill facility, pursuant to Article 28.3 in the Law, and Article 39 in the Regulation of the Waste Management Law.

Date :

Reportor : (signature)

To Minister of Environment
Regional Administrators of Environmental Administration

Enclosure :

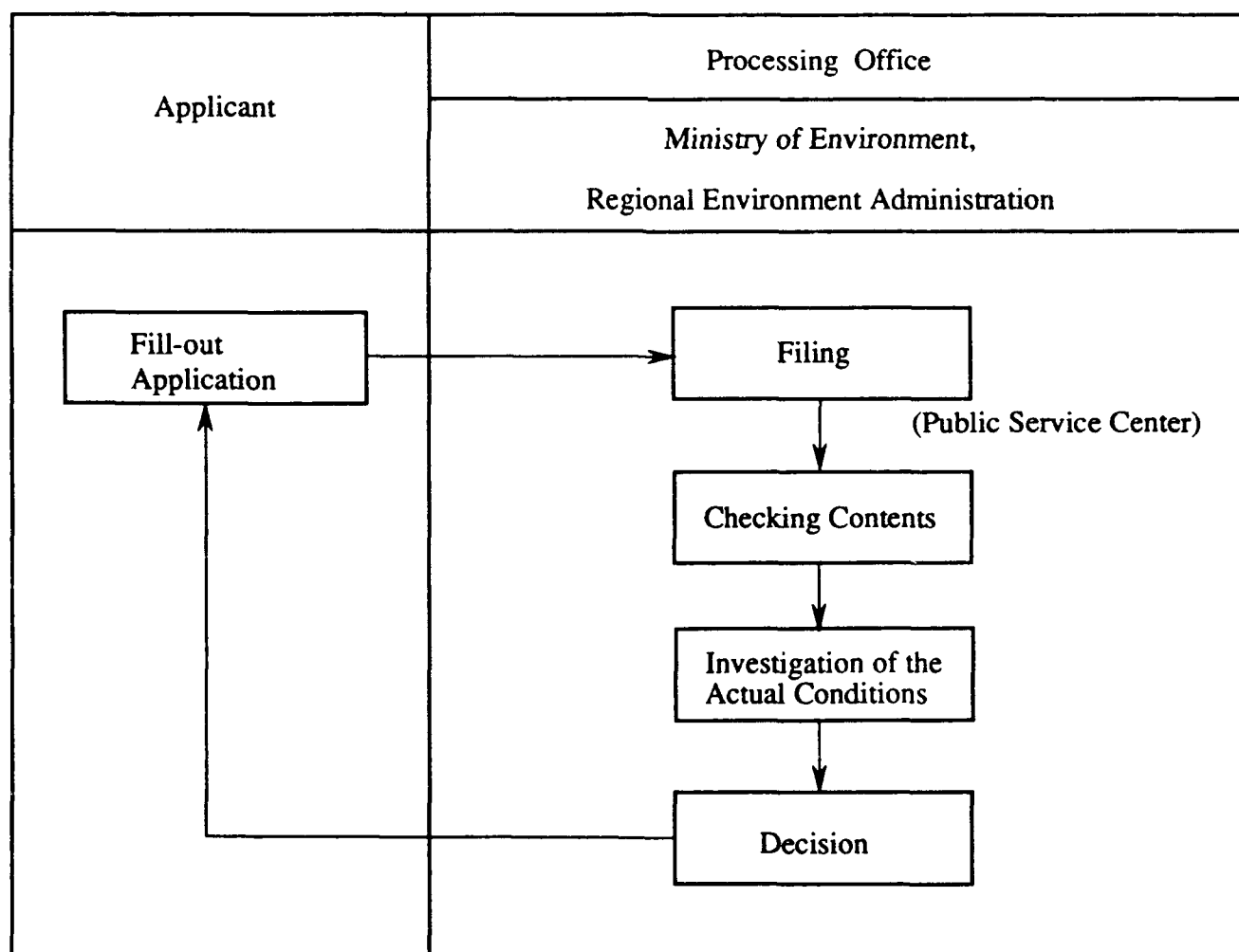
1 copy of Operation-Management Plan

Fee
None

[Fill-out Information]

1. One shall record the name of business firm approved (permitted) for construction of the special waste disposal facility in the name of business (1).
2. One shall record each type in the location of landfill facility (6), in case where the locations are different from the types of landfill facilities.
3. The type of landfill facility (7) shall be classified into the types pursuant to Article 4.2 of the Decree.
4. One shall record the size of actual possible landfill area in the size of landfill facility.
5. One shall record the whole possible capacity of landfill facility in the possible landfiling capacity (9).
6. Waste for landfill shall be written by the types of special waste pursuant to Table 1 in the Annex to the Decree.
7. The expected date of completion of use (13) shall be reckoned in consideration of estimated average landfill volume/day and the amount of covering up soil.

This application form is processed as follows:

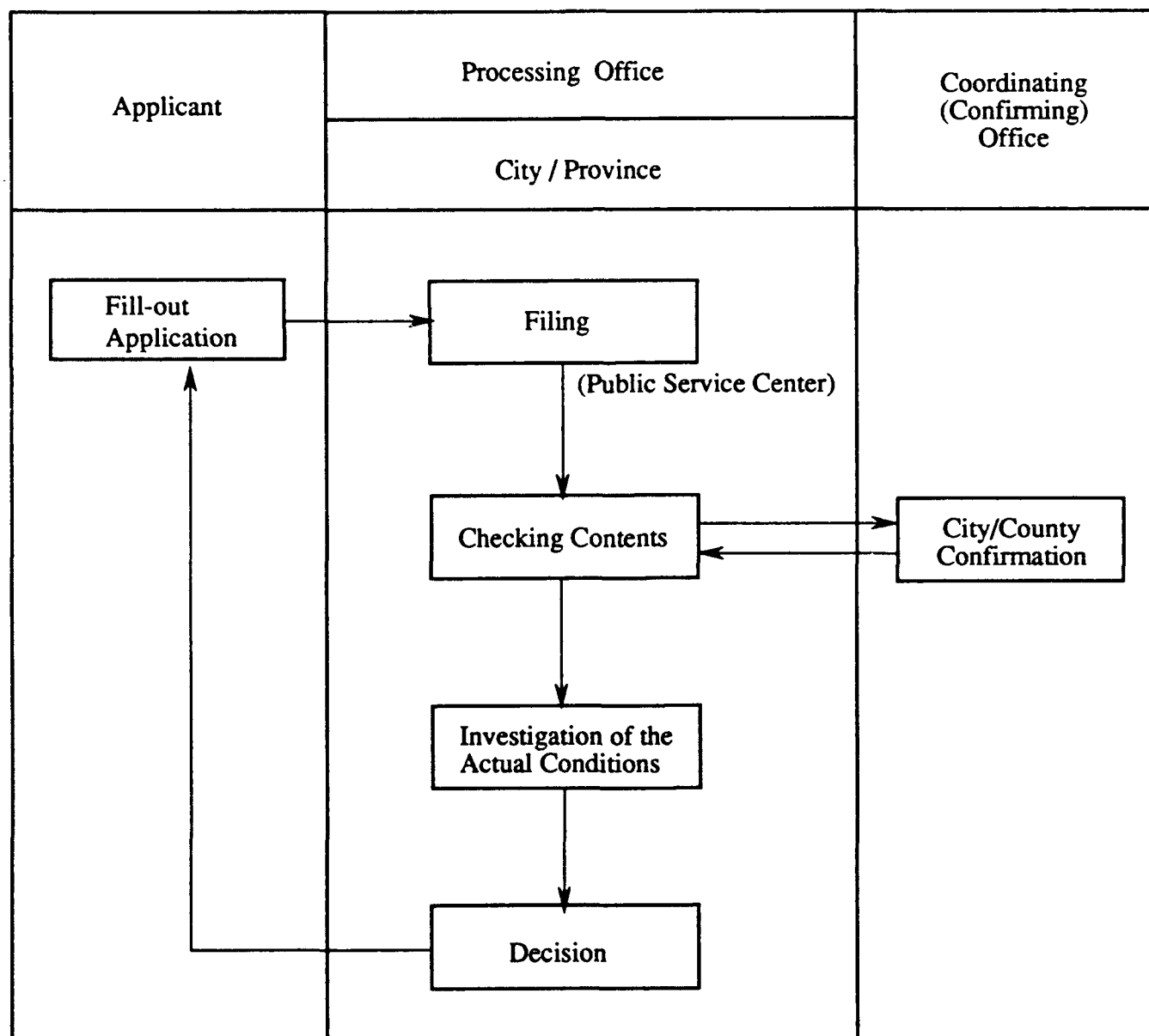


REPORT FOR <input type="checkbox"/> RECYCLE <input type="checkbox"/> RECYCLE FOR CHANGE OF DOMESTIC WASTE				Process Time 10 days
REPORTOR	1) Name of Business		2) Type of Business	
	3) Name (President)		4) Residence Registration No.	
	5) Address of Business		(Tel:)	
6) Location of Business Office		(Tel:)		
7) Materials targeted for Recycle				
8) Procedure or Method for Recycle				
9) Average Volume of Recollection/day and Manufacturing Products (kg)				
Recollecting Items	Amount of Recollection	Name of Products	Amount of Production	
10) Details of Change	Before Change	After Change	Reasons of Change	
<p>I hereby report <input type="checkbox"/> RECYCLE <input type="checkbox"/> RECYCLE FOR CHANGE] of Domestic Waste Facility, pursuant to Article 31.1 in the Law, and <input type="checkbox"/> Article 42.1] in the Regulation of the Waste Management Law. <input type="checkbox"/> Article 42.4</p> <p style="text-align: right;">Date :</p> <p style="text-align: right;">Applicant : (signature)</p> <p>To Mayors/Governors</p>				
Enclosure :				Fee None
1. 1 copy of Procedure and Method Details for Recycle of domestic waste 2. 1 copy of Plan for Security of domestic waste targeted for recycle 3. 1 copy of Collection/Transportation/Storage Plan of domestic waste 4. 1 copy of Disposal Plan of waste discharged from recycling * Certificate of Report, in case of report for changes				

[Fill-out Information]

1. One shall record the type of business (2) pursuant to the Korean Standards of Industrial Classification (small classification).
2. One shall record the type of waste (6) in the concrete, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration leftovers, stabilized or solidified leftovers, waste catalyzers, waste inhalants, waste absorbent, sludge, animal leftovers, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eatables, vegetables, waste glass, and waste plastics, etc.

This application form is processed as follows:



REPORT FOR <input type="checkbox"/> RECYCLE <input type="checkbox"/> RECYCLE FOR CHANGE] OF SPECIAL WASTE				Process Time 10 days
REPORTOR	1) Name of Business		2) Type of Business	
	3) Name (President)		4) Residence Registration No.	
	5) Address of Business (Tel:)			
6) Location of Business Office		(Tel:)		
7) Procedure or Method for Recycle				
8) Recycling Process				
9) Security Plan for Recycling Special Waste				
Name of Generating Business	Type of Business	Location	Type of Waste	Expected Volume (t/yr)
10) Recycling Details of Special Waste				
Type of Special Waste	Amount of Recycling (t/yr)	Name of Recycling Products	Amount of Production (t/yr)	
11) Details of Change	Before Change	After Change	Reasons of Change	
<p> I hereby report <input type="checkbox"/> RECYCLE <input type="checkbox"/> RECYCLE FOR CHANGE] of Special Waste Facility, pursuant to Article 31.1 in the Law, and <input type="checkbox"/> Article 42.2] in the Regulation of the Waste Management Law. <input type="checkbox"/> Article 42.4 </p> <p style="text-align: right; margin-right: 100px;">Date :</p> <p style="text-align: right; margin-right: 50px;">Applicant : (signature)</p> <p style="text-align: left; margin-left: 50px;">To Regional Administrators of Environmental Administration</p>				

Enclosure :

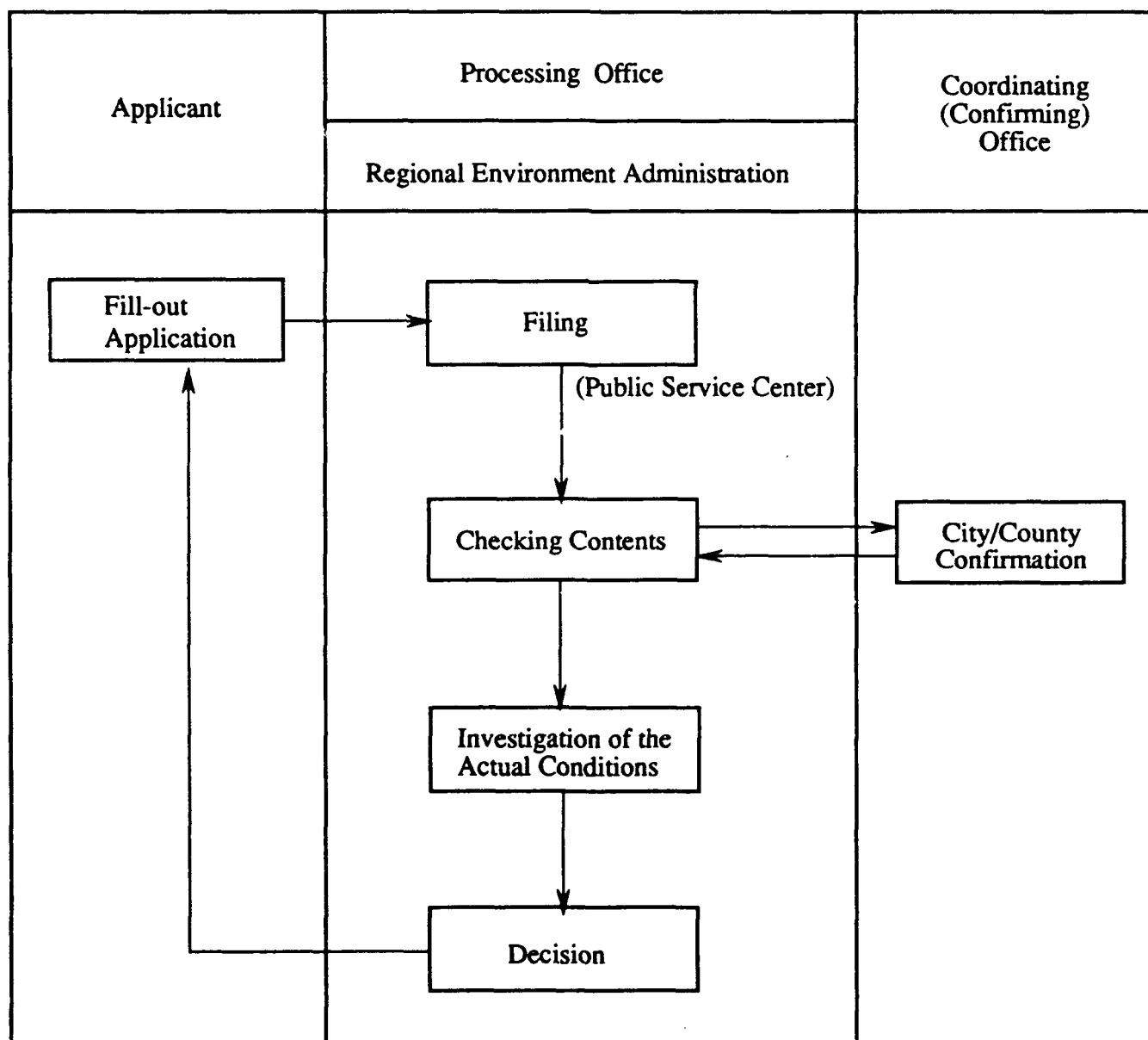
Fee

None

1. 1 copy of Procedure and Method Details for Recycle of special waste
2. 1 copy of Plan for Security of special waste targeted for recycle
3. 1 copy of Collection/Transportation/Storage Plan of special waste
4. 1 copy of Disposal Plan of waste discharged from recycling

* Certificate of Report, in case of report for changes

This application form is processed as follows:



CERTIFICATE OF REPORT FOR DOMESTIC WASTE RECYCLE

1) Report No.		2) Report Date	
3) Name of Business			
4) Name (President)		5) Residence Registration No.	
6) Address of Business			
7) Location of Business office			
8) Waste for Recycle			
9) Procedure & Method of Recycle			
10) Major Generating Place (Collector)			

I hereby confirm a Report for Domestic Waste Recycle, pursuant to Article 31.1 in the Law, and Article 42.3 in the Regulation of the Waste Management Law.

Date :

Mayors / Governors (signature)

[Changed Items]

(back)

[illegible]

CERTIFICATE OF REPORT FOR SPECIAL WASTE RECYCLE

1) Report No.		2) Report Date	
3) Name of Business			
4) Name (President)		5) Residence Registration No.	
6) Address of Business			
7) Location of Business office			
8) Process & Method of Recycle			
9) Recycling Procedure			
10) Recycling Details of Special Waste			
Type of Special Waste	Amount of Recycle (t/yr)	Name of Recycling Products	Amount of Production (t/yr)

I hereby confirm a Report for Special Waste Recycle, pursuant to Article 31.1 in the Law. and Article 42.3 in the Regulation of the Waste Management Law.

Date :

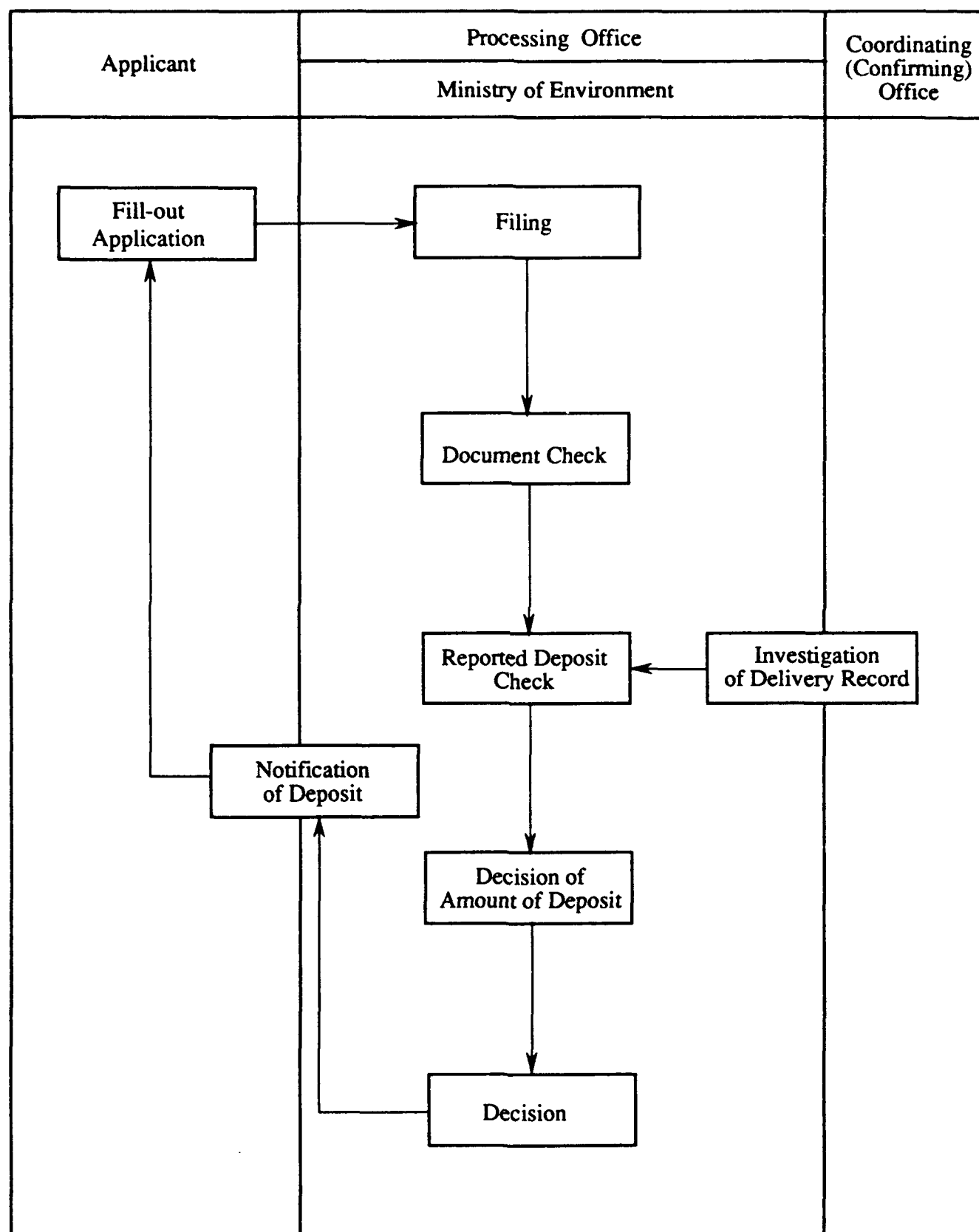
Regional Administrators of Environmental Administration (signature)

(back)

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<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">Process Time</td> </tr> <tr> <td style="padding: 2px 5px;">30 days</td> </tr> </table>				Process Time	30 days
Process Time					
30 days					
REPORT FOR ACTUAL <input type="checkbox"/> DELIVERY <input type="checkbox"/> IMPORT RECORD OF PRODUCTS					
REPORTOR	1) Name of Business	(Tel:)	2) Corporation Registration No.		
	3) Address of Business		4) Business Registration No.		
	5) Name (President)		6) Residence Registration No.		
REPORT DETAILS					
7) Name of Targeting products		8) Amount of Delivery	9) Sum of Sales		
10) Amount of Deposited Money		11) Tariff Standard	<input type="checkbox"/> No. of Products <input type="checkbox"/> kg. l <input type="checkbox"/> Sum of Sales		
<p>I hereby report for the actual <input type="checkbox"/> DELIVERY <input type="checkbox"/> IMPORT] Record of Products, pursuant to Article 15.1 of the Law and Article 45 in the Regulation of the Waste Management Law.</p> <p style="text-align: right; margin-top: 20px;">Date :</p> <p style="text-align: right; margin-top: 10px;">Reporter : (signature)</p> <p style="text-align: center; margin-top: 20px;">To Minister of Environment</p>					
Enclosure:			<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">Fee</td> </tr> <tr> <td style="padding: 2px 5px;">None</td> </tr> </table>	Fee	None
Fee					
None					
1. 1 copy of Business Certificate 2. 1 copy of Documents that ensure Delivery Record of Products, such as a statement of accounts, or Documents that ensure Actual Import Record, such as an import approval certificate 3. 1 copy of the Basic Reckoning Data on Deposit by each products (only for manufacturers)					

This application form is processed as follows:



(19 ____ times)

() NOTICE FOR PAYMENT (for the Bank of Korea)

Fiscal Year			Account No.	
Issue No.			Business Registration No.	
Name of Business	OCR / MICR		Item Code of Tariff	

ACCOUNT NO.	BUSINESS REGISTRATION NO.	ITEM CODE OF TARIFF	AMOUNT OF MONEY
-------------	---------------------------	---------------------	-----------------

* Do not make this form crumple or dirty, for process of computer.

Address of Payer	
------------------	--

Payment Due	.	.	.
Amount before Due	won		
Amount after Due	won		

WASTE MANAGEMENT FUND ACCOUNTS	Jurisdiction of the Ministry of Environment
--------------------------------	--

The Bank of Korea Receipt Stamp	
---------------------------------	--

Date:

* One shall directly pay the amount of payment after due, if the payment due has been expired.

The Ministry of Environment

Bank for Payment : The Bank of Korea Agents
for Receiving the National Treasury

Supervisor of the Waste Management Fund

ACCOUNT NO.	BUSINESS REGISTRATION NO.	ITEM CODE OF TARIFF	AMOUNT OF MONEY
-------------	---------------------------	---------------------	-----------------

Fiscal Year	
Issue No.	
Item Code of Tariff	

(19__ __ times)

CERTIFICATE OF RECEIPT (For Payer)

Business Registration No.	
Name of Business	

Payment Due	
Amount before Due	won
Amount after Due	won

* Confirm the receipt of the above payment

Date:

The Ministry of Environment

Supervisor of the Waste Management Fund

The Bank of Korea Receipt Stamp

Fiscal Year	
Issue No.	
Item Code of Tariff	

(19__ __ times)

NOTICE FOR RECEIPT (For the Ministry of Environment)

Business Registration No.	
Name of Business	

Payment Due	.
Amount before Due	won
Amount after Due	won

* Confirm the receipt of the above payment

Date: . . .

The Ministry of Environment

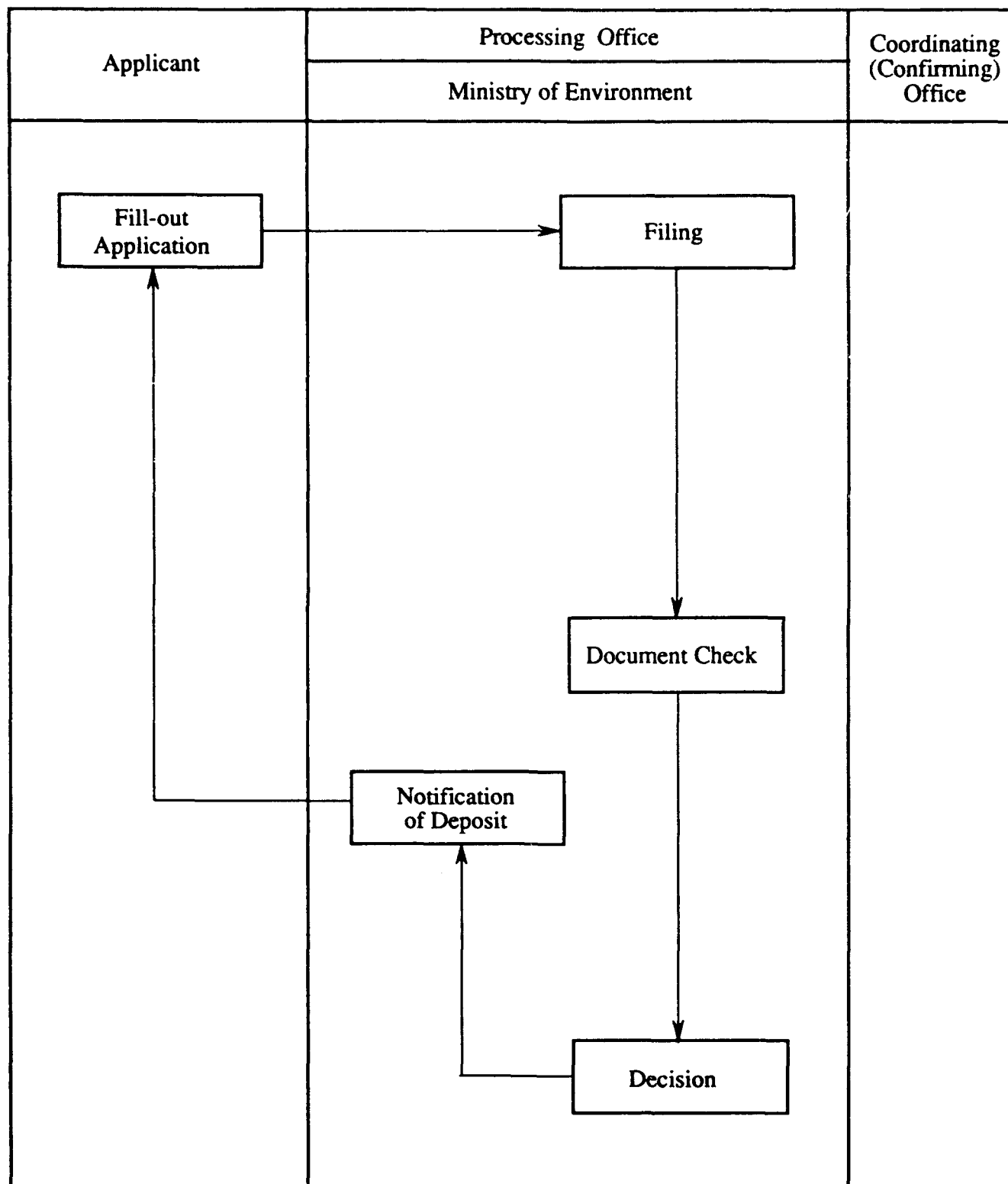
Supervisor of the Waste Management Fund

The Bank of Korea Receipt Stamp

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This application form is processed as follows:



**CERTIFICATE OF RECEIPT (for Payers)
FOR DEPOSIT (for Importers)**

Issue No.			<div style="text-align: center;"> CERTIFICATE OF RECEIPT (for Payers) FOR DEPOSIT (for Importors) </div>	Account No.	
Name (Corporation)				Business Registration No.	
Name of Business				Item Code of Tariff	

Fiscal Year	ACCOUNTS OF WASTE MANAGEMENT FUND
Processing Office	MINISTRY OF ENVIRONMENT

Deposited Payment (won)										
Import Approval No. (I/L No.)										
By Items of Products		By Type								
By Size		By Tariff								
Quantity of Products (weight)										

Payment Date:

Bank

Receipt Date Stamp	
--------------------	--

RECORD OF PAYMENT FOR DEPOSIT (for Post-Decision of the Ministry of Environment)			
Issue No.		OCR / MICR	Account No.
Name (Corporation)			Business Registration No.
Name of Business			Item Code of Tariff

Fiscal Year		ACCOUNTS OF WASTE MANAGEMENT FUND
Processing Office		MINISTRY OF ENVIRONMENT

Deposited Payment (won)									
Import Approval No. (I/L No.)									
By Items of Products		By Type							
By Size		By Tariff							
Quantity of Products (weight)									

Bank

Receipt Date Stamp	
--------------------	--

Issue No.	<div style="text-align: center;"> NOTICE FOR CERTIFICATE OF RECEIPT (for Ministry of Environment) </div> <div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 5px;">OCR / MICR</div> </div>		Account No.
Name (Corporation)			Business Registration No.
Name of Business			Item Code of Tariff

Fiscal Year	ACCOUNTS OF WASTE MANAGEMENT FUND	MINISTRY OF ENVIRONMENT
Processing Office		

Deposited Payment (won)										
Import Approval No. (I/L No.)										
By Items of Products			By Type							
By Size			By Tariff							
Quantity of Products (weight)										

Payment Date:

Bank

Receipt Date Stamp	
--------------------	--

CERTIFICATE OF SELF-PAYMENT
(for the Bank of Korea)

Issue No.			<div style="text-align: center;"> CERTIFICATE OF SELF-PAYMENT (for the Bank of Korea) </div>	Account No.	
Name (Corporation)				Business Registration No.	
Name of Business				Item Code of Tariff	

[illegible]

* Donot make this form crumple or dirty, for process of computer.

Deposited Payment (won)												
Import Approval No. (I/L No.)												
By Items of Products		By Type										
By Size		By Tariff										
Quantity of Products (weight)												

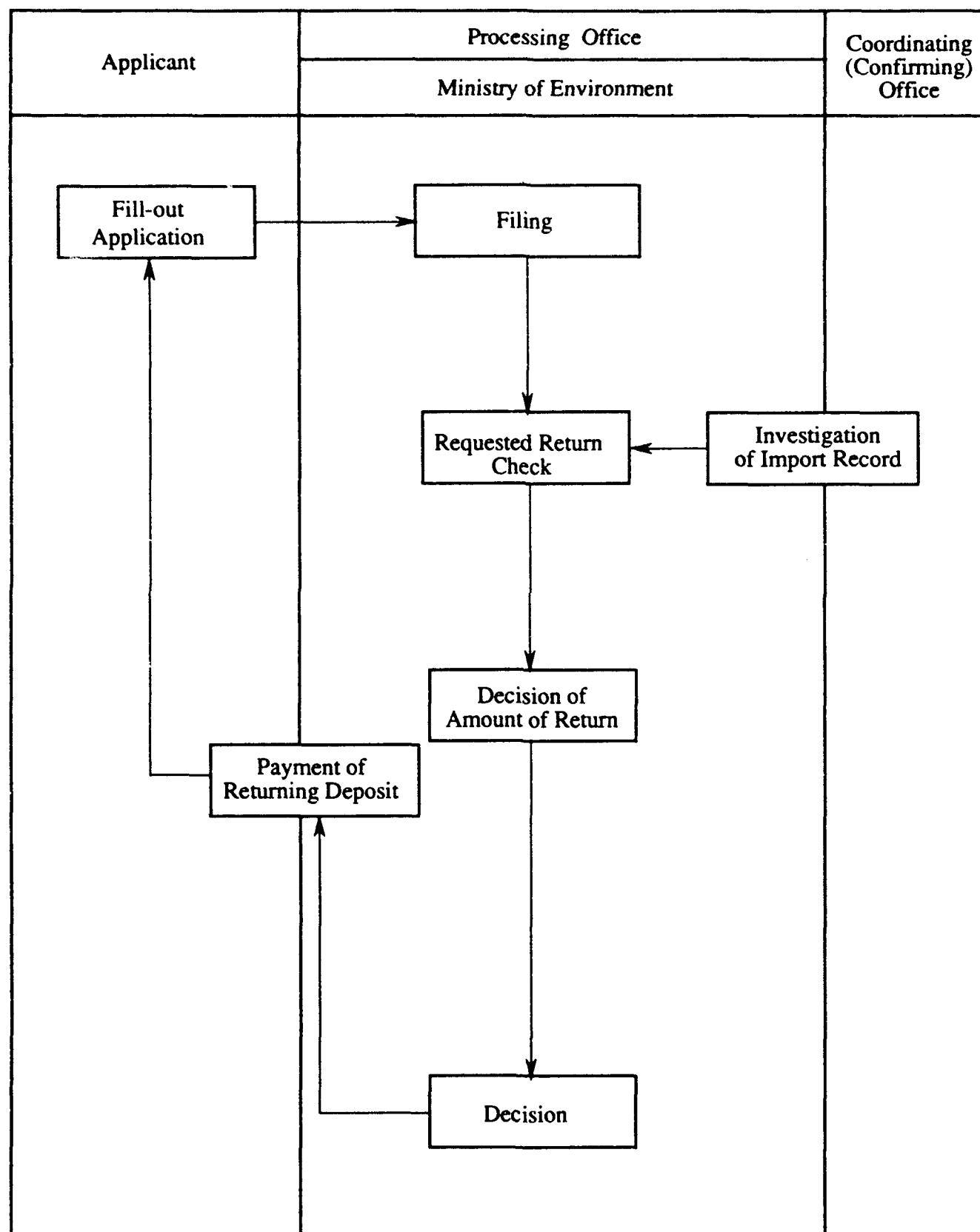
Fiscal Year	ACCOUNTS OF WASTE MANAGEMENT FUND
-------------	-----------------------------------

Payment Date:	.	.	.	Bank
Receipt Date Stamp				

ACCOUNT NO.	BUSINESS REGISTRATION NO.	ITEM CODE OF TARIFF	AMOUNT OF MONEY

APPLICATION FOR REFUND OF DEPOSIT				Process Time 30 days		
REPORTOR	1) Name of Business	(Tel:)	2) Business Registration No.			
	3) Address of Business					
	4) Name (President)		5) Residence Registration No.			
REQUEST DETAILS FOR REFUND						
6) Items of Products		7) Amount of waste recollected/disposed				
8) Methods of Recollection/Disposal	<input type="checkbox"/> Self <input type="checkbox"/> Trust					
9) Amount of Requested Repayments		10) Account No. & Bank for Repayment				
<p>I hereby apply for the Refund of Deposit, pursuant to Article 17.1 in the Law and Article 49 in the Regulation of the Waste Management Law.</p> <p style="text-align: right; margin-right: 100px;">Date :</p> <p style="text-align: right; margin-right: 50px;">Applicant : (signature)</p> <p style="text-align: left; margin-left: 100px;">To Minister of Environment</p>						
Enclosure: <ol style="list-style-type: none"> 1. 1 copy of Computed Details of an amount of requested repayments by each product 2. 1 copy of Receipt for Payment of Deposit 3. 1 copy of Documentary Evidence for Recollection/Disposal (only for the case where a manufacturer or importer recollects and disposes of) 4. 1 copy of Consignment Contract for Recollection/Disposal and a copy of Documentary Evidence for recollection/disposal conducted by a consignee (only for the case of trust for recollection and disposal) 5. 1 copy of Account of Actual Required Expenses by recollection/disposal methods 				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Fee</td></tr> <tr><td style="text-align: center;">None</td></tr> </table>	Fee	None
Fee						
None						

This application form is processed as follows:



(Name of Concerning Office)

Document No. :

Date :

Reception :

Dispatch : Minister of Environment (signature)

Title : Notice for Decision of Refunding () Deposit

Amount of Deposit	Amount of Refund Decided	Decision Date for Refund	Account No. & Bank for Refund

I hereby notice the decision of refund, pursuant to Article

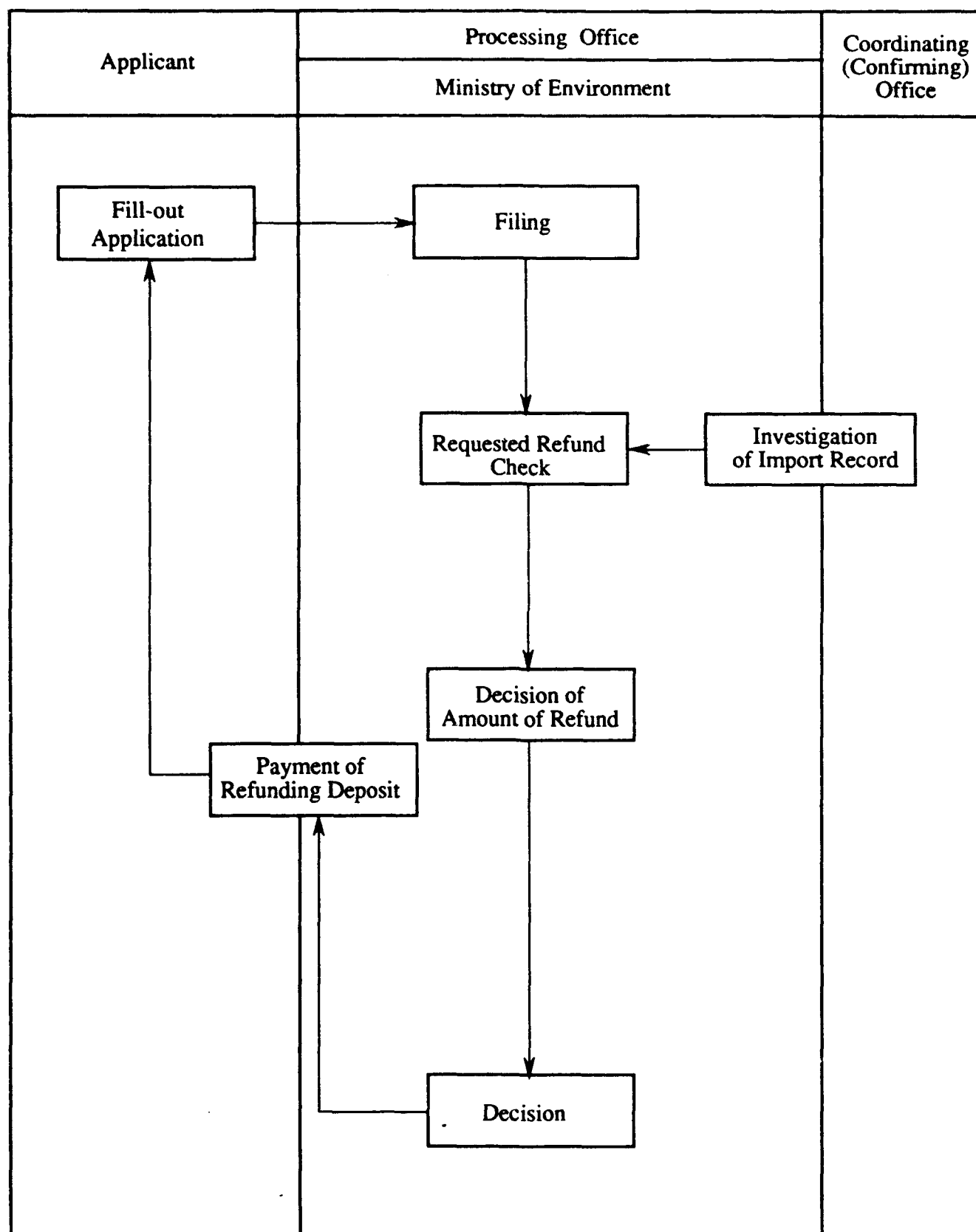
☐ 17.2
☐ 17.3
☐ 35.2
☐ 37
] in the Decree

and Article
 ☐ 50 (Deposit)
☐ 51 (Importer Deposit)
☐ 73 (Post-Management Deposit)
☐ 76 (Balance of Pre-Deposit)
] in the Regulations of the Waste Management Law.

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APPLICATION FOR REFUND OF DEPOSIT FOR IMPORTER				Process Time 3 days
REPORTOR	1) Name of Business	(Tel:)	2) Business Registration No.	
	3) Address of Business			
	4) Name (President)		5) Residence Registration No.	
6) Reasons		<input type="checkbox"/> Change of Import Details <input type="checkbox"/> Export		
7) Items of Products			8) Changed I/L No. or Export Documents No.	
9) Amount of Requested Refund			10) Account No. & Bank for Refund	
<p>I hereby apply for the Refund of Deposit, pursuant to Article 17.3 in the Law and Article 51 in the Regulation of the Waste Management Law.</p> <p style="text-align: right; margin-right: 100px;">Date :</p> <p style="text-align: right; margin-right: 50px;">Applicant : (signature)</p> <p style="margin-top: 50px;">To Minister of Environment</p>				
Enclosure:				Fee None
1. 1 copy of Modification Approvals for Import Approved Items or 1 copy of Documentary Evidence for Export 2. 1 copy of Receipt for Payment of Deposit				

This application form is processed as follows:



(unit: ton)

[illegible]

[Fill-out Information]

1. One shall record whenever the waste is collected/transported or transferred to intermediate/final disposer of by each date.
2. Constituents shall be filled-out by separation of liquid and solid phase.
3. One shall use the unit of weight ton (for liquid, convert to weight by measuring the specific gravity).
4. One shall record the type of waste in detail, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration residual, stabilized or solidified residual, waste catalysts, waste inhalants, waste absorbent, sludge, animal waste, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eats and foods, vegetables, waste glass, and waste plastics, etc.
5. One shall record the name of landfill facility or incineration facility in the place for transportation.

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RECORD OF DOMESTIC WASTE INTERMEDIATE DISPOSAL

(unit: ton)

[illegible]

MANAGEMENT / OPERATION LOGBOOK OF DOMESTIC WASTE DISPOSAL FACILITY

1) Date ...	2) Name of Disposal Facility	3) Type of Waste for Disposal	4) Disposal Volume	5) Disposal Capacity (t/day)	6) Operating Condition of Disposal & Pollution Preventive Facilities	7) Density of Leachate & Discharging Gas (before/after disposal)	8) Weights of Waste & Vehicles	9) Temperature & Amount of Air in the Fermentation Chamber, for Composting Facility	10) Other (Results of Actions to prevent Dust & Odor; Watering Covered-up Soils)

[Fill-out Information]

1. One shall record whenever the waste is entrusted-disposed of by each date.
2. One shall use the unit of weight ton (for liquid, convert to weight by measuring the specific gravity).
3. One shall record the type of waste in the concrete, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration residual, stabilized or solidified residual, waste catalysts, waste inhalants, waste absorbent, sludge, animal waste, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, cats and foods, vegetables, waste glass, and waste plastics, etc.
4. Constituents shall be filled-out by separation of liquid and solid phase.
5. One shall record the disposal details of waste entrusted by the disposal methods of the disposal facilities.

RECORD OF DOMESTIC WASTE FINAL DISPOSAL

Name of Trustee (Disposer)					5) Type of Waste	6) Constituents	7) Amount of Trust	8) Amount of Disposal	9) Amount of Storage	10) Remarks	Decision	
1) Date . . .	2) Collector/Transporter	3) Intermediate Disposer	4) Generator									

MANAGEMENT / OPERATION LOGBOOK OF DOMESTIC WASTE DISPOSAL FACILITY

1) Date ...	2) Name of Disposal Facility	3) Type of Waste for Disposal	4) Disposal Volume	5) Disposal Capacity (t/day)	6) Operating Condition of Disposal & Pollution Preventive Facilities	7) Density of Leachate & Discharging Gas (before/after disposal)	8) Weights of Waste & Vehicles	9) Temperature & Amount of Air in the Fermentation Chamber, for Composting Facility	10) Other (Results of Actions to prevent Dust & Odor, Watering Covered-up Soils)

[Fill-out Information]

1. One shall record whenever the waste is entrusted-disposed of by each date.
2. One shall use the unit of weight ton (for liquid, convert to weight by measuring the specific gravity).
3. One shall record the type of waste in detail, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration leftovers, stabilized or solidified leftovers, waste catalysts, waste inhalants, waste absorbent, sludge, animal leftovers, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eatables, vegetables, waste glass, and waste plastics, etc.
4. Constituents shall be filled-out by separation of liquid and solid phase.

MAINTENANCE LOGBOOK OF SPECIAL WASTE DISPOSAL FACILITY (for Public Disposal Facilities and Special Waste Disposer)

(Name of Disposal Facility: _____) Date: _____ day Weather: _____

DISPOSAL CONDITION OF SPECIAL WASTE

1) Type of Facility	2) Type of Special Waste	Disposal Details								11) Amount of Storage
		Today				Grand Total				
		3) Total	4) Waste Entrusted by Generator	5) Waste Generated after Intermediate Disposal	6) Waste from Disposal entrusted	7) Total	8) Waste Entrusted by Generator	9) Waste Generated after Intermediate Disposal	10) Waste from Disposal entrusted	

OPERATION DETAILS OF DISPOSAL FACILITY

12) Type of Facility	13) Work Details of Operator			09	11	13	15	17	19	21	23	01	03	05	07	14) Operation Hr	
	Time	Operator	Signature													Today	Sum
15) Operation & Maintenance Condition of Facility																	
16) Special Mention																	

AMOUNT USED OF CHEMICALS / FUEL / WATER										
17) Type of Facility	18) Amount Used of Chemicals (kg)			19) Amount Used of Fuel (t)			20) Amount Used of Service Water (t)		21) Amount of Water Discharged (t)	
	Type	Today	Sum	Type	Today	Sum	Today	Sum	Today	Sum
22) Other Test / Analysis Results										
<div style="text-align: right; margin-right: 50px;"> Manager : Name (signature) Confirmor : Position () Name (signature) </div>										

COLLECTION / TRANSPORTATION LOGBOOK OF SPECIAL WASTE

(Type of Special Waste :) (unit: ton)

1) Date . . .	2) Consignment Details				3) Trust Details								4) Storage Details			Decision
	Name of Consigned Business	Location of Consigned Business	Constit- tuents	Amount Consigned	Name of Entrusted Business	Location of Entrusted Business	Constit- tuents	Amount Entrusted	Location of Trust	Disposal Methods	Remarks (Name of Generating Business)	Storage Place	Storage Method	Amount Stored		

[Fill-out Information]

1. Management record shall be written by type of special waste pursuant to Table 1 in the Annex of the Decree.
2. One shall record consigned business whenever the waste is entrusted or transferred to disposal service from generating business by each date, and summarize at the end of each month and finally roll up at the end of the year.
3. One shall use the unit of weight ton (for liquid, convert to weight by measuring the specific gravity), and classify the constituents into solid and liquid and record.
4. One shall record recycle methods for recycler, incineration/high temperature destruction/landfill of intermediate or final disposal method for intermediate or final disposer, in the disposal method of trust business.
5. One shall record the name of generating business in the remarks for transferring special waste to trust business, in case where the generating business of the special waste entrusted is clear.
7. One shall classify and record the storage method into drum storage and storage equipment, and record the amount stored by accumulated amount of storage.

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INTERMEDIATE DISPOSAL RECORD OF SPECIAL WASTE

(Type of Special Waste :) (unit: ton)

1) Date . .	2) Consignment Details						3) Disposal Details (by Disposal Methods)				4) Disposal Details of Waste Generated from Intermediate Disposal										Decision								
	Name of Consigned Business	Location of Consigned Business	Consigned Business	Consituents	Amount Consigned	Remarks (name of Generating Business)	Amount Disposed	Total						Type of Waste	Consituents	Amount Generated	Total	Recycle	Intermediate Disposal	Final Disposal		Total	Recycler	Disposer	Public Disposal Facility	Storage Place	Storage Method	Amount Stored	

[Fill-out Information]

1. Management record shall be written by type of special waste pursuant to Table 1 in the Annex of the Decree.
2. One shall record consigned business whenever the waste is entrusted or transferred to disposal service from generating business by each date, and summarize at the end of each month and finally roll up at the end of the year.
3. One shall use the unit of weight ton (for liquid, convert to weight by measuring the specific gravity), and classify the constituents into solid and liquid and record.
4. One shall record the name of generating business in case of transportation by generator, the name of collector/transportor in case of transportation by collector/transportor in the name of consigned business and one shall record the name of generating business in the remarks in case where the separation of generators of special waste collected/transported by the collection/transportation business of special waste is possible.
5. The disposal details shall be recorded with incineration or high temperature destruction for disposal methods, and the amount disposed and the total by the disposal methods shall be recorded.
6. The type of waste generated after intermediate disposal shall be written by type of special waste pursuant to Table 1 in the Annex of the Decree.
7. In case of self-disposal of waste generated after intermediate disposal, recycle or intermediate disposal, the quantity shall be recorded (i.e.; Incineration 25)
8. In case of trust-disposal of waste generated after intermediate disposal, one shall classify and record into the amount entrusted to recycler and to disposer.
9. One shall classify and record the storage method of waste generated after intermediate disposal into drum storage and storage equipment, and record the amount stored by accumulated amount of storage.

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[illegible]

[Fill-out Information]

1. Record shall be written by type of special waste pursuant to Table 1 in the Annex of the Decree.
2. One shall record special waste whenever the waste is entrusted or disposed by each date, and summarize at the end of each month and finally roll up at the end of the year.
3. One shall record the name of generating business for transportation by generator and the name of collector/transportor for transportation by collector/transportor, and one shall record the name of generating business in the remarks in case where the separation of generators is possible.
4. One shall use the unit of weight ton and classify and record the constituents into solid and liquid, and one shall classify the solid into particles and granules.
5. One shall classify the types of landfill facilities into isolation and management, in case of landfilling in the landfill facility.
6. One shall classify and record the storage method into drum storage and storage equipment, and record the amount stored by accumulated amount of storage.

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MAINTENANCE LOGBOOK OF SPECIAL WASTE DISPOSAL FACILITY (for Generating Business)

(Name of Disposal Facility: _____) Date: _____ day Weather: _____

DISPOSAL CONDITION OF SPECIAL WASTE

1) Type of Facility	2) Type of Special Waste	Disposal Details						9) Amount of Storage
		Today			Grand Total			
		3) Total	4) Waste Generated from Manufacturing	5) Waste Generated after Intermediate Disposal	6) Total	7) Waste Generated from Manufacturing	8) Waste Generated after Intermediate Disposal	

OPERATION DETAILS OF DISPOSAL FACILITY

10) Type of Facility	11) Work Details of Operator			09	11	13	15	17	19	21	23	01	03	05	07	12) Operation Hr	
	Time	Operator	Signature													Today	Sum
13) Operation & Maintenance Condition of Facility																	
14) Special Mention																	

AMOUNT USED OF CHEMICALS / FUEL / WATER										
15) Type of Facility	16) Amount Used of Chemicals (kg)			17) Amount Used of Fuel (t)			18) Amount Used of Service Water (t)		19) Amount of Water Discharged (t)	
	Type	Today	Sum	Type	Today	Sum	Today	Sum	Today	Sum
20) Other Test / Analysis Results										
<div style="text-align: right;"> Manager : Name (signature) Confirmor : Position () Name (signature) </div>										

RECYCLE MAINTENANCE RECORD OF DOMESTIC WASTE

(unit: ton)

1) Date . . .	2) Collection Details				2) Entrusted Details				4) Disposal Details of Waste Generated after Recycle								Deci- sion			
	Name of Collection Business	Types of Waste	Constituents	Amount Collected	Name of Entrusted Business	Types of Waste	Constituents	Amount Entrusted	Type of Waste	Amount Recycled	Constituents	Amount Generated after Recycle	Self-Disposal		Trust-Disposal			Storage		
													Amount Disposed	Disposal Methods	Trust Business	Amount Entrusted		Storage Place	Storage Method	Amount Stored

[Fill-out Information]

1. One shall record waste whenever the waste is entrusted or transferred to disposal service by each date.
2. One shall classify and record the constituents into solid and liquid.
3. One shall use the unit of weight ton (for liquid, convert to weight by measuring the specific gravity).
4. One shall record the type of waste in detail, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration residual, stabilized or solidified residual, waste catalysts, waste inhalants, waste absorbent, sludge, animal waste, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eats and foods, vegetables, waste glass, and waste plastics, etc.

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RECYCLE MAINTENANCE RECORD OF SPECIAL WASTE

RECYCLE MAINTENANCE RECORD OF SPECIAL WASTE															(unit: ton)											
(Type of Special Waste :)																										
1) Date	2) Trust (Collection) Details					3) Recycle Details				4) Disposal Details of Waste Generated from Recycle							Decision									
	Name of Trust Business	Location of Trust Business	Business	Constituents	Amount Entrusted	Remarks (name of Generating Business)	Type of Waste	Constituents	Amount Recycled	Recycle Methods	Type of Waste	Constituents	Amount Generated	Total	Recycle	Intermediate Disposal		Final Disposal	Total	Recycler	Disposer	Public Disposal Facility	Storage Place	Storage Method	Amount Stored	
..																										

[Fill-out Information]

1. Management record shall be written by type of special waste pursuant to Table 1 in the Annex of the Decree.

2. One shall record waste whenever the waste is entrusted (collected) or disposed waste generated after recycle by each date, and summarize at the end of each month and finally roll up at the end of the year.

3. One shall use the unit of weight ton (for liquid, convert to weight by measuring the specific gravity), and classify the constituents into solid and liquid and record.

4. One shall record the name of generating business in case of trust (collection) by recycler from generator, the name of collector/transporter in case of transportation by collector/transporter and one shall record the name of generating business in the remarks in case where the separation of generators of special waste collected/transported by the collection/transportation business of special waste is possible.

5. Type of waste generated after recycle shall be written by type of special waste pursuant to Table 1 in the Annex of the Decree.

6. In case of self-disposal of waste generated after recycle, recycle or intermediate/final disposal methods and the quantity shall be recorded (i.e.; Incineration 25).

7. In case of trust-disposal of waste generated after recycle, one shall classify and record into the amount entrusted to recycler and to disposer.

8. One shall classify and record the storage method of waste generated after recycle into drum storage and storage equipment, and record the amount stored by accumulated amount of storage.

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MAINTENANCE LOGBOOK OF RECOLLECTION / DISPOSAL OF WASTE

(Name of Products: Size: Quality of Material: Shape:

1) Date (mo/day)	2) Amount Recollected	3) Disposal		6) Amount undispsed	7) Remarks	8) Decision	
		4) Amount Disposed	5) Weight (kg)				

[Fill-out Information]

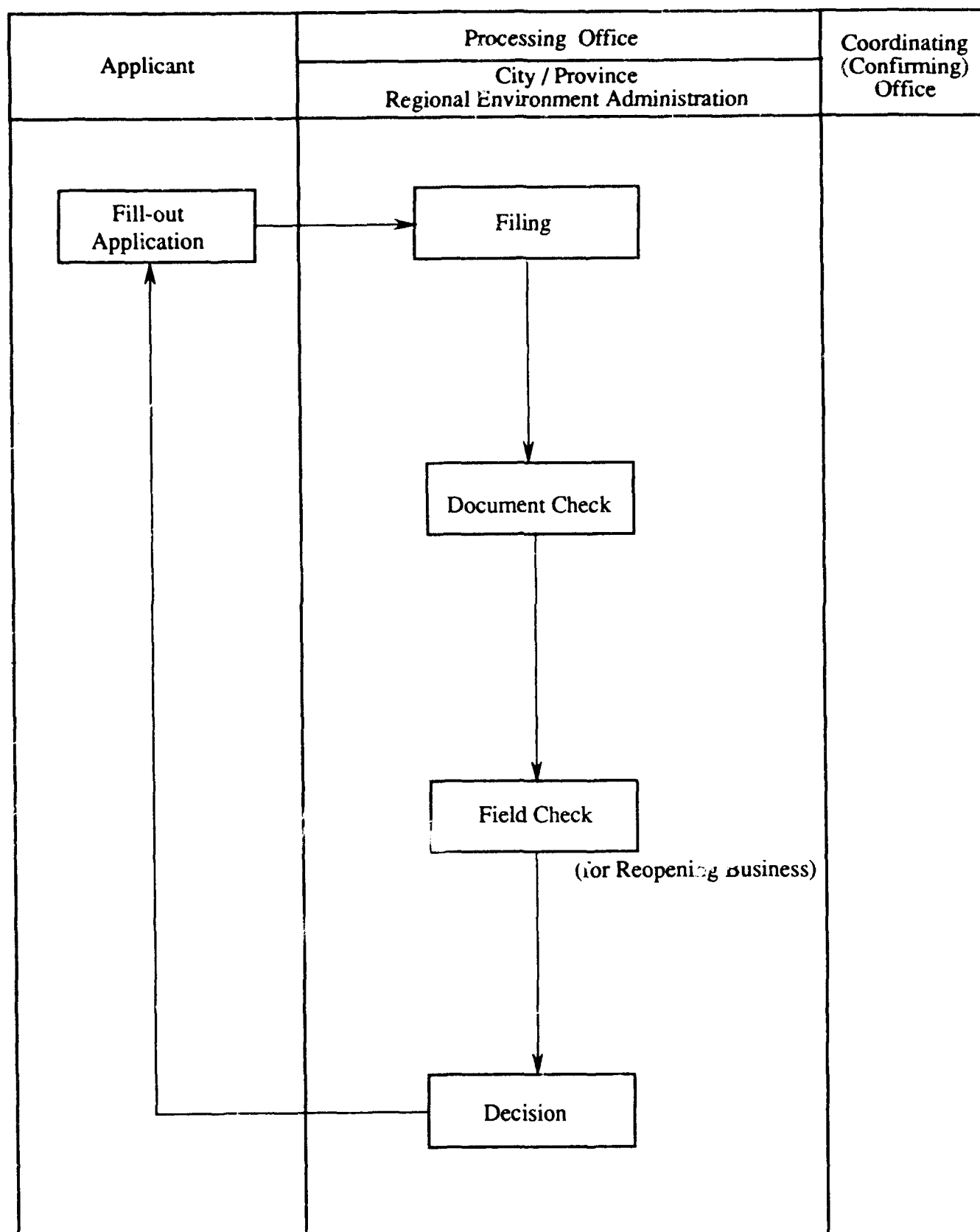
1. The recollection/disposal logbook shall be recorded by the classification of the size of manufacturing/importing products, quality (containers, etc.), or shape (cover separation style, etc.) classified by the deposit reckoning standards in the table of Article 14 of the Decree.
2. One shall record whenever waste is recollected or disposed by each date, and summarize at the end of each month.
3. The unit shall be based on number of products, but it can be changed by the features of the products (i.e.: liter for oil).
4. One shall record weight for lithium, manganese, alkali-manganese, nickel/cadmium batteries, or electric appliances, and the selling price for synthetic resins in the item 5).

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REPORT FOR <input type="checkbox"/> SUSPENSION <input type="checkbox"/> TERMINATION] OF [<input type="checkbox"/> DOMESTIC WASTE DISPOSAL SERVICE <input type="checkbox"/> REOPENING] <input type="checkbox"/> DESIGN/CONSTRUCTION SERVICE OF DOMESTIC WASTE DISPOSAL FACILITY		Process Time immediately (Reopening: 10 days)	
REPORTOR	1) Name of Business		
	2) Name (President)		3) Residence Registration No.
	4) Address of Business (Tel:)		
5) Type and No. of Permit (Registration) Business		Type of Business: No. :	
6) Date of <input type="checkbox"/> Suspension <input type="checkbox"/> Termination <input type="checkbox"/> Reopening		7) Expected Reopening Date (Suspension)	
8) Reasons of <input type="checkbox"/> Suspension <input type="checkbox"/> Termination <input type="checkbox"/> Reopening		(in the concrete)	
<p>I hereby report for <input type="checkbox"/> SUSPENSION <input type="checkbox"/> TERMINATION] OF [<input type="checkbox"/> DOMESTIC WASTE DISPOSAL SERVICE <input type="checkbox"/> REOPENING] <input type="checkbox"/> DESIGN/CONSTRUCTION SERVICE OF DOMESTIC WASTE DISPOSAL FACILITY</p> <p>pursuant to Article 42 in the Law and Article 65 in the Regulation of the Waste Management Law.</p> <p style="text-align: right;">Date :</p> <p style="text-align: right;">Reporter : (signature)</p> <p style="text-align: center;">To Mayors/Governors Regional Administrators of Environmental Administration</p>			
Enclosure:			Fee
			None
1. Permit or Registration Certificate and 1 copy of Disposal Plan of Waste left undisposed (only for Suspension and Termination of Business) 2. 1 copy of Inspection Results of disposal facility, Reserved Conditions of Technical Abilities, and Documents that ensure the Qualification			

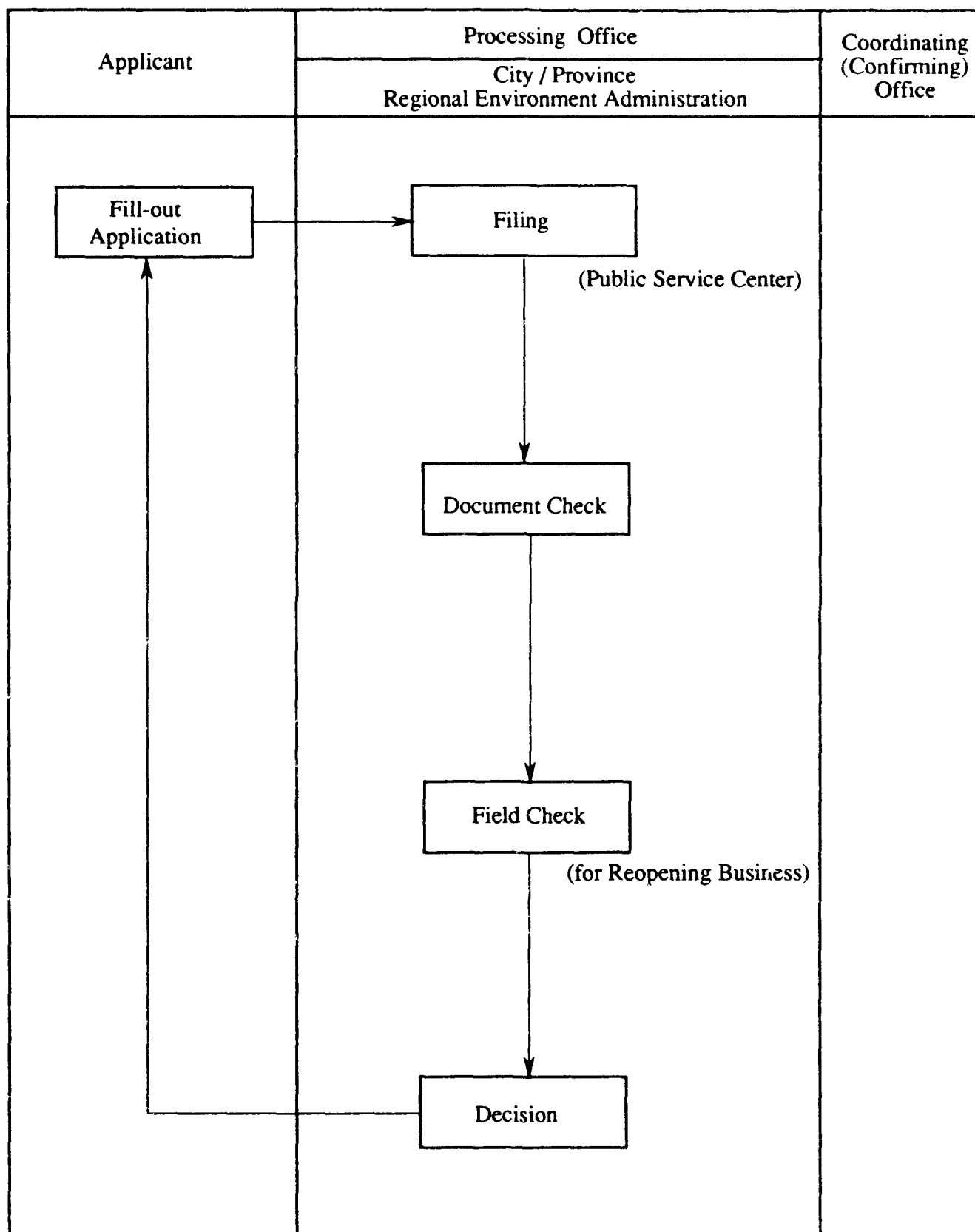
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This application form is processed as follows:



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This application form is processed as follows:



SUMMARY REPORT ON LARGE VOLUME GENERATION AND DISPOSAL OF DOMESTIC WASTE (Yr.)

Document No.:

Date:

Receiver : () Mayor/County Head/Ward Head

Sender: (signature)

(Tel.:)

1) Name of Business		2) Name (President)		3) Type of Major Business					
4) Location of Business		5) Classification of Business region	Residential	Commercial	Green Belt	Industrial	Ind. Complex	Other	
6) Date of Starting Business		7) Working Days/yr	() days	8) No. of Employees	Total:	[Technical: Supportive:			

9) Disposal Details by the Generating Process

Type of Waste	Major Generating Process	Amount (t/yr) Generated	Disposal Method	Major Materials Used (only for Manufacturing)	Amount Used (t/yr)	Remarks

10) Condition of Self-Disposal Facility

Name of Facility	Date of Construction Approval	Size (Capacity) (kg/hr. m ²)	Amount Disposed (t/yr)	Waste for Disposal

11) landfill Facility

Location	Date of Construction Approval	Date of Starting Use	Size of Construction Approved (m ²)	Size of Use Reported (m ²)	Amount of Possible Landfill (m ³)	Amount of Landfill by Quarter (m ³)	Amount Landfilled for the Year (m ³)

12) Construction Details of Storage Facilities and Containers

Type of Storage Facility and Container	Date of Construction	Size (Capacity)	Storage Capacity (t/day)

13) Large Volume Generation and Disposal Details of Domestic Waste

[illegible]

[Fill-out Information]

1. One shall record the serial No. by the types of waste in the classification.
2. One shall record the type of waste in detail, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration residual, stabilized or solidified residual, waste catalyzers, waste inhalants, waste absorbent, sludge, animal waste, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eats and foods, vegetables, waste glass, and waste plastics, etc.
3. One shall record the name of disposal facility pursuant Article 3 of the Decree for the name of facility, disposal capacity or capability/hr of the disposal facility for size (capacity), and amount disposed/year for the amount disposed, in the condition of self-disposal facility (10).

SUMMARY REPORT ON COLLECTION / TRANSPORTATION OF DOMESTIC WASTE (Yr.)

Document No.:

Date:

Receiver : () Mayor/Governor

Sender: (signature)

(Tel.:)

1) Name of Business	2) Name (President)	3) Type of Business	
---------------------	---------------------	---------------------	--

4) Permit No. :	5) Address (Office) :
-----------------	-----------------------

6) Waste for Business :

7) Details of Facility/Equipment	Name of Facility/Equipment	Size (Capacity)	No.	Location	Remarks

8) Collection/Transportation Details of Waste

Classi- fication	Type of Waste	Consti- tutents	Amount Collected/ Transported (t/yr)	Collection Business			Remarks
				Name of Business	Address	Tel. No.	
Total							

[Fill-out Information]

- 272

Document No.:

Date:

Sender: (signature)

(Tel.:)

1) Name of Business	2) Name (President)	3) Type of Business
---------------------	---------------------	---------------------

4) Permit No. :	5) Address (Office) :
-----------------	-----------------------

7) Details of Facility/Equipment	Name of Facility/Equipment	Size (Capacity)	No.	Approved Date for Construction	Starting Date of Use	Location

Classification	Type of Waste	Constituents	Amount Entrusted (t/yr)	Collection Business		
				Name of Business	Address	Tel. No.
Total						

(back)

9) Intermediate Disposal Details of Domestic Waste

(unit: V/yr.)

Classification	Type of Waste	Amount Entrusted	Constituents	Disposal Method	Amount Disposed	Amount Stored
Total						

10) Details of Discharging Leftovers and Disposal Request

Classification	Type of Waste	Amount Entrusted	Constituents	Disposal Method	Amount Disposed	Amount Stored	Name of Final Disposer (Place)
Total							

(fill-out down to the second decimal place)

[Fill-out Information]

1. One shall record the serial No. by the types of waste in the classification (8).
2. One shall record the type of waste in detail, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration residual, stabilized or solidified residual, waste catalyzers, waste inhalants, waste absorbent, sludge, animal waste, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eats and foods, vegetables, waste glass, and waste plastics. etc.

Document No.:

Date:

Receiver : () Mayor/Governor

Sender: (signature)

(Tel.:)

1) Name of Business	2) Name (President)	3) Type of Business
---------------------	---------------------	---------------------

4) Permit No. :	5) Address (Office) :
-----------------	-----------------------

6) Waste for Business :

7) Details of Facility/Equipment	Name of Facility/Equipment	Size (Capacity)	No.	Name of Facility/Equipment	Size (Capacity)	No.

8) Landfill Facility	Location	Date of Approval for Construction	Starting Date of Use	Approved Area for Construction (m ²)	Reported Area for Use (m ²)	Lanfill Capacity (m ³)	Amount Already Land-filled (m ³)	Amount Land-filled for the Year (m ³)

9) Collection/Transportation Details of Waste

Classification	Type of Waste	Constituents	Amount Entrusted (t/yr)	Collection Business			
				Name of Business	Type of Business	Address	Tel. No.
Total							

(back)

10) Final Disposal Details of Domestic Waste

(unit: V/yr.)

[illegible]

(fill-out down to the second decimal place)

[Fill-out Information]

1. One shall record the serial No. by the types of waste in the classification (9).
2. One shall record the type of waste in detail, such as slag, dust, waste molding sand, waste sand, waste fire resistant materials, pieces of pottery, incineration residual, stabilized or solidified residual, waste catalyzers, waste inhalants, waste absorbent, sludge, animal waste, waste papers, waste woods, waste leather, waste fiber, waste rubber, pieces of metal, waste construction materials, briquet ashes, eats and foods, vegetables, waste glass, and waste plastics, etc.

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SUMMARY REPORT ON RECYCLE OF DOMESTIC WASTE (Yr.)

Document No.:

Date:

Receiver : () Mayor/Governor

Sender: (signature)

(Tel.:)

1) Report No.:	2) Name of Business:	3) Name (President):	4) Type of Business:					
5) Location of Business:		6) Classification of Business region	Residential	Commercial	Green Belt	Industrial	Ind. Complex	Other

7) Working Period/yr : Months 9) No. of Employees: Total: Technical: Supportive:

10) Recycling Process

(record the whole process in detail)

11) Collection / Transportation Details of Waste

12) Consignment Details of Waste

Type of Waste	Name of Collecting Business	Constituents	Amount of Collected (t/yr)	Type of Waste	Name of Consigned Business	Constituents	Amount of Consigned (t/yr)

13) Recycling Details of Waste

Type of Recycle Waste	Amount of Recycled (t/yr)	Name of Recycled Products	Amount Produced (t/yr)	Production Amount (unit: ,000 won)

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SUMMARY REPORT ON GENERATION / DISPOSAL OF SPECIAL WASTE (Yr.)

Document No.:

Date:

Sender: (signature)

Receiver : () Regional Administrator of Environmental Administration

(Tel.:)

1) Business Registration No.: □□□ - □□ - □□□□□□			2) Name of Business:			3) Name (President):		
4) Location of Business: City / Province City/County/Ward □□ - □□ ()			5) Type of Business: □□ - □□		6) Classification of Business region : <input type="checkbox"/>		7) Name of Industrial Complex: □□ □□	
8) Approval Date of Discharging Facility:			9) Working Period/yr : Months			10) No. of Total Employees : [Technical: Supportive:		
11) Name of Major Products			12) Amount Produced (t/yr)		13) Major Raw Materials		14) Amount Used (t/yr)	
Disposal Facility	16) Name of Facility		17) Approved Date of Construction		18) Size (Capacity)		19) Amount Disposed	
	□□			(t, m ² /hr)		t/yr	
	□□			(t, m ² /hr)		t/yr	
	□□			(t, m ² /hr)		t/yr	
Landfill Facility	21) Type	22) Location	23) Approved Date of Construction	24) Starting Date of Use	25) Approved Area of Construction	26) Reported Area of Use	27) Amount Landfilled	28) Amount already Landfilled (for the year)
		city/province						m ³
	<input type="checkbox"/>	city/county/ward □□ □□ ()	m ²	m ²	m ³	()
	<input type="checkbox"/>	□□ □□ ()	m ²	m ²	m ³	()

[Fill-out Information]

4), 22): eup, myun, li, dong, and house No, shall be filled out in the () and the Code No. shall be filled-out pursuant to the additional fill-out guidance. 5): fill-out the type of business and code No. by the additional guidance. 6) classification of business region: record code No.; residential [1], commercial [2], green belt [3], industrial [4], industrial complex [5], other [6]. 7): record according to the additional guidance when the business is located in the industrial complex. 15) record the yield [% of the amount produced / Amount used for materials]. 16): record the code No. of self-disposal facility; Incineration (including destructive distillation) [1], high temperature destruction facility [02], shredding, cutting facility [03], melting facility [04], graduation [05], refining facility [06], reaction facility [07], oil & water separation facility [08], condensation, sedimentation facility [09], dewatering facility [10], drying facility [11], solidification facility [12], stabilization facility [13], other facility [14]. 21): record type of landfill facility; isolation [1], management [2], sedimentation [3], stabilization [4]. 27): record the potential amount landfilled for reported usage area. 28): record the total amount already landfilled, and the amount landfilled for the year in the ().

*** Other items**

4), 22) location of business, 5) type of business, 7) type of industrial complex shall be given in the additional fill-out guidance of summary report on generation / disposal of special waste.

[illegible]

[Fill-out Information 2]

(fill-out down to the second decimal place)

1): record the serial No. by type of generating waste. 2): record code No. of large/small classification of waste (refer to *). 3): record the amount generated. 4): record the constituent of waste; liquid [1], solid [2]. 5): record the code No. of self-disposal method; recycle [1], incineration [2], high temperature destruction [3], melting [4], shredding, cutting [5], graduation [6], refining [7], drying [8], solidification [9], stabilization [10], self-landfill area (isolation [11], management [12], sedimentation [13], stabilization landfill [14]), sea dumping [15], other [16]. 6): record the amount self-disposed. 7): record trust-disposal method; recycler [1], collector/transportor [2], intermediate disposer [3], final disposer [4], sea dumper [5], public disposal facility [6], local government landfill area [7]. 8): record the code No. of type of business by the collection/transportation/disposal business or public disposal facility (refer to additional fill-out guidance), and record the name of recycler in the () when the trust-disposal method is recycle. 9): record the amount of trust-disposed. 10): record the amount of storage undisposed for the year. 11): record the disposal expense by the type of waste with the unit of 1,000 won. 12): record the disposal details by the type of waste when the leftovers generated from the self-disposal are special waste.

* Code No. by the Type of Waste

Waste Acid 01-00, Waste Alkali 02-00, Waste Oil 03-00, Waste Organic Solvent 04- [Halogen Family 10, Non-Halogen Family 20], Waste Synthetic High Polymer 05- [Waste Synthetic Resin 10, Waste Synthetic Fiber 20, Waste Synthetic Rubber 30, Waste Synthetic Leather 40, Waste Paint & Lacquer 50, Other Waste Synthetic High Polymers 60], Waste Asbestos 06-00, Waste Agricultural Chemicals 15-00, Waste containing PCB 16-00, Waste Plaster 18-00, Waste Lime 19-00, Animal Waste 20- [Tannery Waste 10, Meat Process Waste 20, Seafood Process Waste 30], Other Toxic Substances notified by the Minister of Environment 21-00

Slag 07, Slag-Dust 08, Waste Molding Sand & Waste Sand 09, Waste Fire Resistant Materials & Pieces of Pottery 10, Incineration Residual 11, Disposed Substances by stabilization or Solidification 12, Waste Catalysts 13, Waste Inhalants Waste Absorbent 14

- [Lead 01, Copper 02, Arsenic 03, Mercury 04, Cadmium 05, Hexavalent Chromium 06, Cyanide 07, Organic Phosphorus 08, Tetrachloroethylene 09, Trichloroethylene 10, Other Toxic Substances Notified by the Minister of Environment 11].

Sludge 17- [Waste Water Disposed Sludge 10, Manufacturing Sludge 20, Designated Sludge (Lead 31, Copper 32, Arsenic 33, Mercury 34, Cadmium 35, Hexavalent Chromium 36, Cyanide 37, Organic Phosphorus 38, Tetrachloroethylene 39, Trichloroethylene 40, Other Toxic Substances Notified by the Minister of Environment 41)]

Other items: The code No. of transportation/disposal business (8) shall be given in the additional fill-out guidance of summary report on generation / disposal of special waste.

SUMMARY REPORT ON DISPOSAL OF SPECIAL WASTE (Yr.) (for Public Disposal Facilities)

Document No.:

Receiver : () Minister of Environment

Date:

Sender: (signature)

(Tel.:)

1) Name of Business :

2) Name (President) :

3) Address (Office) :

4) Waste for Business :

5) Details of Facility/Equipment	Name of Facility/Equipment	Size (Capacity)	Approved Date for Construction	Starting Date of Use	Location

6) Collection/Transportation or Disposal Details of Waste

Type of Waste	Name of Entrusted Business	Amount Entrusted (t/yr)	Amount Collected/Transported or Disposed (t/yr)	Amount Stored (t/yr)	Type of Waste	Name of Entrusted Business	Amount Entrusted (t/yr)	Amount Collected/Transported or Disposed (t/yr)	Amount Stored (t/yr)

(fill-out down to the second decimal place)

1): record the serial No. by type of collecting waste. 2): record code No. of large/small classification of waste (refer to *). 3), 13): record the constituent of waste; liquid [1], solid [2]. 4): record the type of collection; generator [1], collector/transportor [2], public disposer [3]. 5): record the amount collected by collector. 6): record the disposal method; recycle [01], incineration [02], high temperature destruction [03], melting [04], shredding, cutting [05], graduation [06], refining [07], drying [08], solidification [09], stabilization [10], other [11]. 7): record the amount disposed by the disposal methods. 8): record the amount of waste for direct landfill that does not require intermediate disposal. 9): record the amount undisposed. 10): record the disposal details of leftovers generated after intermediate disposal. 14): record the code No. of classification for disposal of leftovers; final disposer (land) [1], sea dumper [2], landfill by local government [3], public disposal facility [4], other [5]. 17): record the name of final disposer (place).

Waste Acid 01-00, Waste Alkali 02-00, Waste Oil 03-00, Waste Organic Solvent 04- [Halogen Family 10, Non-Halogen Family 20], Waste Synthetic High Polymer 05- [Waste Synthetic Resin 10, Waste Synthetic Fiber 20, Waste Synthetic Rubber 30, Waste Synthetic Leather 40, Waste Paint & Lacquer 50, Other Waste Synthetic High Polymers 60], Waste Asbestos 06-00, Waste Agricultural Chemicals 15-00, Waste containing PCB 16-00, Waste Plaster 18-00, Waste Lime 19-00, Animal Waste 20- [Tannery Waste 10, Meat Process Waste 20, Seafood Process Waste 30], Other Toxic Substances notified by the Minister of Environment 21-00

- [Lead 01, Copper 02, Arsenic 03, Mercury 04, Cadmium 05, Hexavalent Chromium 06, Cyanide 07, Organic Phosphorus 08, Tetrachloroethylene 09, Trichloroethylene 10, Other Toxic Substances
Notified by the Minister of Environment 11].

Document No.:

Date:

Sender: (signature)

(Tel.:)

1) Name of Business :	2) Name (President) :	3) Type of Business :
4) Permit No. :	5) Address (Office) :	

7) Details of Facility/Equipment	Name of Facility/Equipment	Size (Capacity)	Location	Remarks

[illegible]

(fill-out down to the second decimal place)

1): record the serial No. by type of collecting waste. 2): record code No. of large/small classification of waste (refer to *). 3): record the amount of waste collected. 4): record the constituent of waste; liquid [1], solid [2]. 5) - 6): record the code No. of intermediate disposal business and the amount requested by each business, in case of trust of disposal of the amount collected and transported into the intermediate disposer (the code No. is given in the additional fill-out guidance). 7)-8): record the code No. of final disposal business and the amount requested by each business, in case of trust of disposal of the amount collected and transported into the final disposer (the code No. is given in the additional fill-out guidance).

Waste Acid 01-00, Waste Alkali 02-00, Waste Oil 03-00, Waste Organic Solvent 04- [Halogen Family 10, Non-Halogen Family 20], Waste Synthetic High Polymer 05- [Waste Synthetic Resin 10, Waste Synthetic Filler 20, Waste Synthetic Rubber 30, Waste Synthetic Leather 40, Waste Paint & Lacquer 50, Other Waste Synthetic High Polymers 60], Waste Asbestos 06-00, Waste Agricultural Chemicals 15-00, Waste containing PCB 16-00, Waste Plaster 18-00, Waste Lime 19-00, Animal Waste 20- [Tannery Waste 10, Meat Process Waste 20, Seafood Process Waste 30], Other Toxic Substances notified by the Minister of Environment 21-00

- [Lead 01, Copper 02, Arsenic 03, Mercury 04, Cadmium 05, Hexavalent Chromium 06, Cyanide 07, Organic Phosphorus 08, Tetrachloroethylene 09, Trichloroethylene 10, Other Toxic Substances Notified by the Minister of Environment 11].

Other items: The code No. of intermediate and final disposer (5, 6) shall be given in the additional fill-out guidance of summary report on disposal of special waste.

**SUMMARY REPORT ON INTERMEDIATE DISPOSAL
OF SPECIAL WASTE (Yr.)
(for Intermediate Disposer)**

Document No.:

Receiver : () Regional Administrator of Environmental Administration

Date:

Sender: (signature)

(Tel.:)

1) Name of Business :

2) Name (President) :

3) Type of Business :

4) Permit No. :

5) Address (Office) :

6) Waste for Business :

7) Details of Facility/Equipment	Name of Facility/Equipment	Size (Capacity)	Approved Date for Construction	Starting Date of Use	Location

8) Collection/Transportation or Disposal Details of Waste

Type of Waste	Name of Consigned Business	Constituents	Amount Entrusted (t/yr)	Amount Disposed (t/yr)	Amount Stored (t/yr)	Type of Waste	Name of Consigned Business	Constituents	Amount Entrusted (t/yr)	Amount Disposed (t/yr)	Amount Stored (t/yr)

AD-A286 038

KOREAN WASTE MANAGEMENT LAW PRESIDENTIAL DECREE NUMBER
13480 AND PRIME MI. (U) CONSTRUCTION ENGINEERING
RESEARCH LAB (ARMY) CHAMPAIGN IL B KIM ET AL. JUN 94
UNCLASSIFIED CERL-EP-94/03 XA-DA MIPR-WT84QDL-92-91

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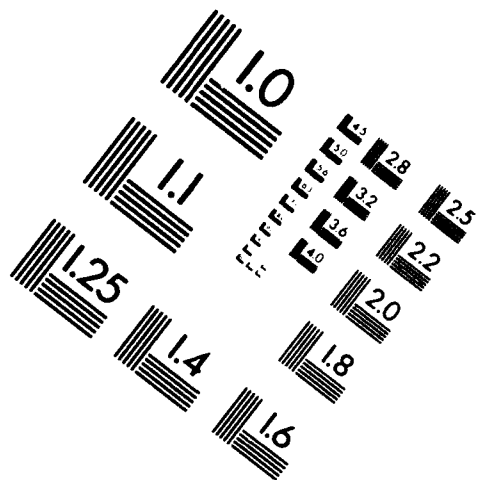
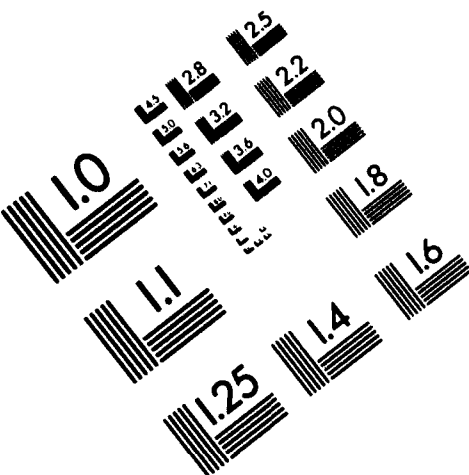


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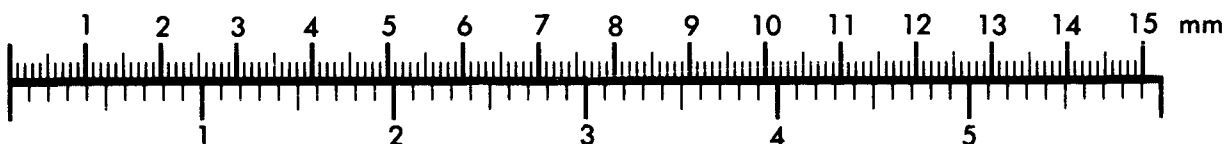
Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910

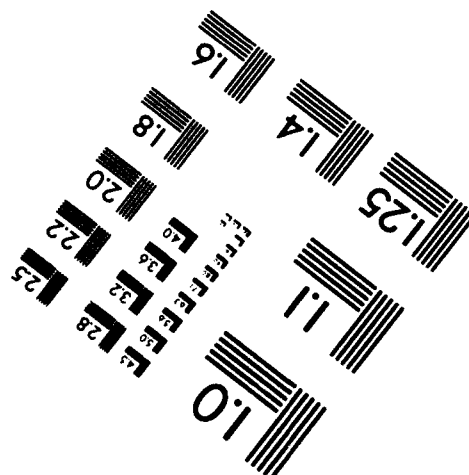
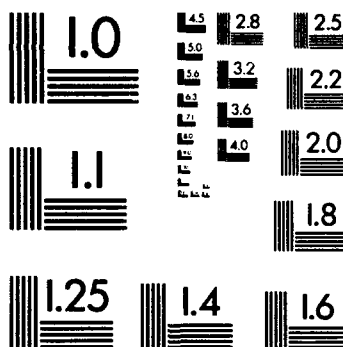
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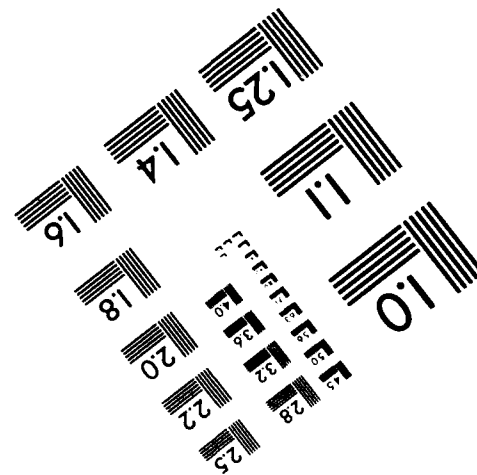
Centimeter



Inches



MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.



(unit: t/yr.)

[illegible]

GENERATION DETAIL OF LEFTOVERS

REQUEST DETAIL OF DISPOSAL OF LEFTOVERS

8) Classification	9) Type	10) Amount Generated	11) Constituents	12) Disposal Method	6) Amount Disposed	7) Amount Stored	8) Name of Final Disposer
<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total		<input type="text"/>			<input type="text"/>	<input type="text"/>	<input type="text"/>

(fill-out down to the second decimal place)

[Fill-out Information]

1), 8): record the serial No. by type of entrusted (Left) waste. 2), 9): record code No. of large/small classification of waste (refer to *). 3), 10): record the amount of waste entrusted (left). 4), 11): record the constituent of waste; liquid [1], solid [2]. 5): record the disposal method; recycle [01], incineration [02], high temperature destruction [03], melting [04], shredding, cutting [05], graduation [06], refining [07], drying [08], solidification [09], stabilization [10], other [11]. 6), 13): record the amount of entrusted (leftover) waste disposed. 7), 14): record the amount of entrusted (leftover) waste undisposed. 12): record the code No. of classification for disposal of leftovers; final disposer (land) [1], sea dumper [2], landfill by local government [3], public disposal facility [4], other [5]. 15): record the name of final disposer (place).

* Code No. by the Type of Waste

Waste Acid 01-00, Waste Alkali 02-00, Waste Oil 03-00, Waste Organic Solvent 04- [Halogen Family 10, Non-Halogen Family 20], Waste Synthetic High Polymer 05- [Waste Synthetic Resin 10, Waste Synthetic Fiber 20, Waste Synthetic Rubber 30, Waste Synthetic Leather 40, Waste Paint & Lacquer 50, Other Waste Synthetic High Polymers 60], Waste Asbestos 06-00, Waste Agricultural Chemicals 15-00, Waste containing PCB 16-00, Waste Plaster 18-00, Waste Lime 19-00, Animal Waste 20- [Tannery Waste 10, Meat Process Waste 20, Seafood Process Waste 30], Other Toxic Substances notified by the Minister of Environment 21-00

Slag 07, Slag-Dust 08, Waste Molding Sand & Waste Sand 09, Waste Fire Resistant Materials & Pieces of Pottery 10, Incineration Residual 11, Disposed Substances by stabilization or Solidification 12, Waste Catalysts 13, Waste Inhalants Waste Absorbent 14

- [Lead 01, Copper 02, Arsenic 03, Mercury 04, Cadmium 05, Hexavalent Chromium 06, Cyanide 07, Organic Phosphorus 08, Tetrachloroethylene 09, Trichloroethylene 10, Other Toxic Substances Notified by the Minister of Environment 11],

Sludge 17- [Waste Water Disposed Sludge 10, Manufacturing Sludge 20, Designated Sludge (Lead 31, Copper 32, Arsenic 33, Mercury 34, Cadmium 35, Hexavalent Chromium 36, Cyanide 37, Organic Phosphorus 38, Tetrachloroethylene 39, Trichloroethylene 40, Other Toxic Substances Notified by the Minister of Environment 41)]

SUMMARY REPORT ON FINAL DISPOSAL OF SPECIAL WASTE (Yr.) **(for Final Disposer)**

Document No.:

Date:

Receiver : () Regional Administrator of Environmental Administration

Sender: (signature)

(Tel.:)

1) Name of Business :

2) Name (President) :

3) Type of Business :

4) Permit No. :

5) Address (Office) :

6) Waste for Business :

7) Details of Facility/Equipment	Name of Facility/Equipment	Size (Capacity)	Approved Date for Construction	Starting Date of Use	Location

8) Collection/Transportation or Disposal Details of Waste

Type of Waste	Name of Consigned Business	Constituents	Amount Entrusted (t/yr)	Amount Disposed (t/yr)	Type of Waste	Name of Consigned Business	Constituents	Amount Entrusted (t/yr)	Amount Disposed (t/yr)

(unit: V/Vr.)

(fill-out down to the second decimal place)

1): record the serial No. by type of entrusted waste. 2): record code No. of large/small classification of waste (refer to *).
3): record the amount of waste for disposal requested directly by the waste generator. 4): record the amount of waste requested by the collector and transportor. 5): record the residues of the intermediate disposal requested by the intermediate disposer.

Waste Acid 01-00, Waste Alkali 02-00, Waste Oil 03-00, Waste Organic Solvent 04- [Halogen Family 10, Non-Halogen Family 20], Waste Synthetic High Polymer 05- [Waste Synthetic Resin 10, Waste Synthetic Fiber 20, Waste Synthetic Rubber 30, Waste Synthetic Leather 40, Waste Paint & Lacquer 50, Other Waste Synthetic High Polymers 60], Waste Asbestos 06-00, Waste Agricultural Chemicals 15-00, Waste containing PCB 16-00, Waste Plaster 18-00, Waste Lime 19-00, Animal Waste 20- [Tannery Waste 10, Meat Process Waste 20, Seafood Process Waste 30], Other Toxic Substances notified by the Minister of Environment 21-00

- [Lead 01, Copper 02, Arsenic 03, Mercury 04, Cadmium 05, Hexavalent Chromium 06, Cyanide 07, Organic Phosphorus 08, Tetrachloroethylene 09, Trichloroethylene 10, Other Toxic Substances
Notified by the Minister of Environment 111.

290

SUMMARY REPORT ON RECYCLE OF SPECIAL WASTE (Yr.)

(for Recycle Reporter)

Document No.:

Date:

Receiver : () Regional Administrator of Environmental Administration

Sender: (signature)

(Tel.:)

1) Business Registration No.: □□□-□□-□□□□□	2) Name of Business:	3) Name (President):	4) Type of Business:
5) Location City / Province City/County/Ward of Business: □□-□□ ()	6) Classification of Business region: □	7) Name of Industrial Complex: □□ □□	8) Date of Recycle Report
9) Working Period/yr : Months	10) No. of Employees	Total: Technical : Supportive:	

11) Recycling Process	Record the whole process, in the concrete)							
	Name of Reporting Office	Date of Report	Report No.	Type of Recycle Waste	Name of Reporting Office	Date of Report	Report No.	Type of Recycle Waste
12) Detail of Recycle Report								
13) Detail of Waste Collection	Name of Entrusted Business	Type of Waste	Amount of Waste (t/yr)	Name of Regional Environ. Adminis.	Name of Entrusted Business	Type of Waste	Amount of Waste (t/yr)	Name of Regional Environ. Adminis.
14) Detail of Waste Recycle	Type of Recycle Waste	Amount Recycled (t/yr)	Name of Recycled Products	Amount Produced (t/yr)	Production Amount (unit: 1000 won)			

[Fill-out Information]

1): record the registration No. 4): fill-out the type of business and code No. by the additional guidance. 5): record the code No. of city/province, city, county/ward, and also eup, myun, li, dong, and house No. shall be filled out in the () and the Code No. shall be filled-out pursuant to the additional fill-out guidance. 6) classification of business region: record code No.; residential [1], commercial [2], green belt [3], industrial [4], industrial complex [5], other [6]. 7): record according to the additional guidance when the business is located in the industrial complex. 8): record the first date of recycle report. 11): record the recycling process from the beginning to the production, in the concrete. 12): record the details of recycle report by the report. 13): record the details of collecting waste from the consigned business. 14): record the recycle details of waste.

* Other items

4) type of business, 5) location of business, 7) type of industrial complex shall be given in the additional fill-out guidance of summary report on recycle of special waste.

{ Fill-out Information 2 }

1): record the serial No. by type of entrusted waste. 2): record code No. of large/small classification of waste (refer to *). 3): record the amount collected. 4): record the constituent of waste; liquid [1], solid [2]. 5): record the amount recycled out of waste collected. 6): record the amount generated after recycle. 7): record the code No. of self-disposal method of waste generated after recycle; recycle [1], incineration [2], landfill (self-landfill) [3], other self-disposal [4]. 9): record trust-disposal method of waste generated after recycle; recycler [1], collector/transportor [2], intermediate disposer [3], final disposer [4], sea dumper [5], public disposal facility [6], local government landfill area [7]. 10): record the code No. of collection/transportation/disposal business, or public disposal facility (refer to additional fill-out guidance), and record the name of recycler in the () when the trust-disposal method is recycle. 12): record the amount of storage undisposed out of waste after recycle. 13): record the amount stored of waste unrecycled out of waste for recycle. 14): record the disposal details by the type of waste when the secondary leftovers generated from the self-disposal (such as incineration) are special waste.

* Code No. by the Type of Waste

Waste Acid 01-00, Waste Alkali 02-00, Waste Oil 03-00, Waste Organic Solvent 04- [Halogen Family 10, Non-Halogen Family 20], Waste Synthetic High Polymer 05- [Waste Synthetic Resin 10, Waste Synthetic Fiber 20, Waste Synthetic Rubber 30, Waste Synthetic Leather 40, Waste Paint & Lacquer 50, Other Waste Synthetic High Polymers 60], Waste Asbestos 06-00, Waste Agricultural Chemicals 15-00, Waste containing PCB 16-00, Waste Plaster 18-00, Waste Lime 19-00, Animal Waste 20- [Tannery Waste 10, Meat Process Waste 20, Seafood Process Waste 30], Other Toxic Substances notified by the Minister of Environment 21-00

Slag 07, Slag-Dust 08, Waste Molding Sand & Waste Sand 09, Waste Fire Resistant Materials & Pieces of Pottery 10, Incineration Residual 11, Disposed Substances by stabilization or Solidification 12, Waste Catalysts 13, Waste Inhalants Waste Absorbent 14

- [Lead 01, Copper 02, Arsenic 03, Mercury 04, Cadmium 05, Hexavalent Chromium 06, Cyanide 07, Organic Phosphorus 08, Tetrachloroethylene 09, Trichloroethylene 10, Other Toxic Substances Notified by the Minister of Environment 11].

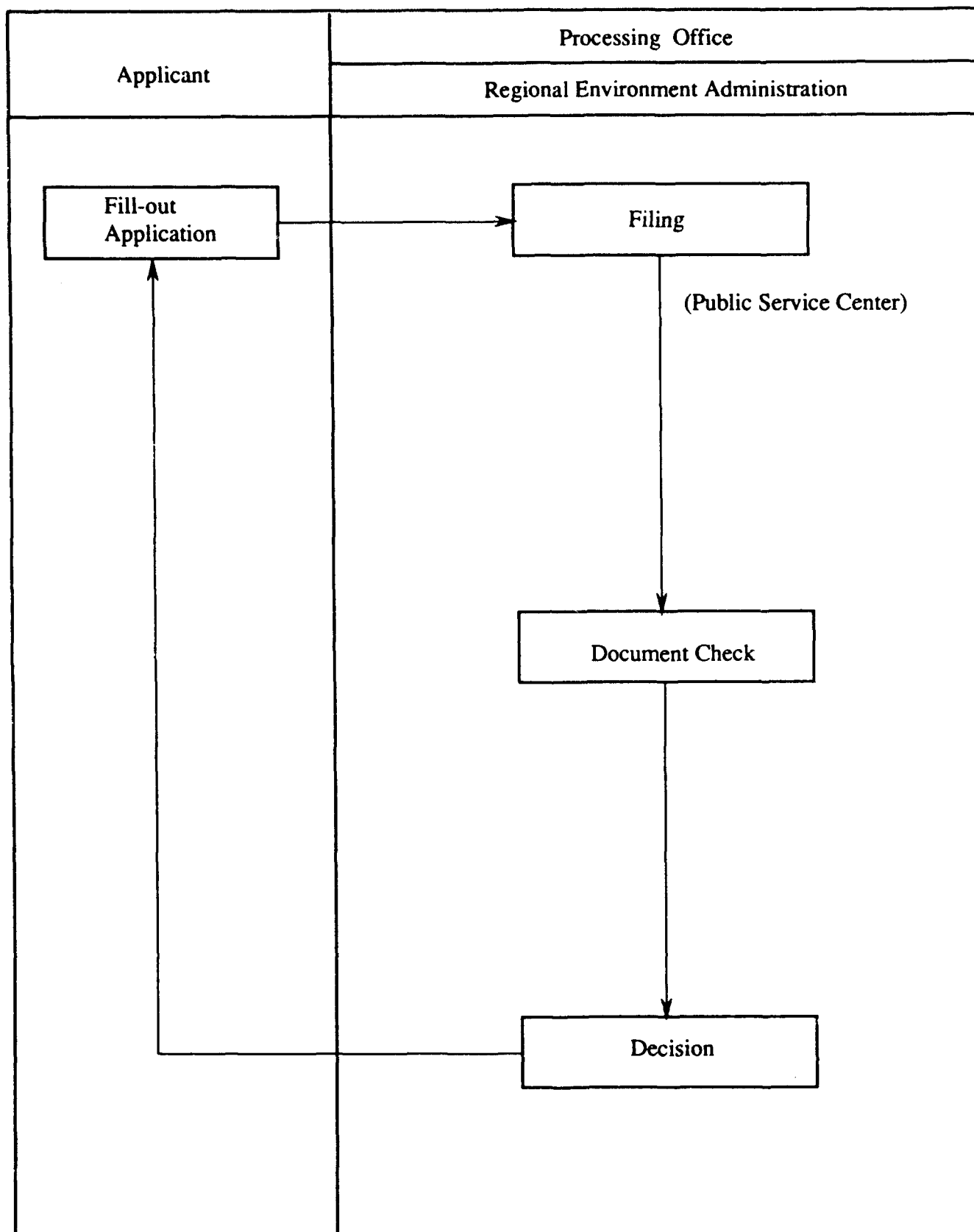
Sludge 17- [Waste Water Disposed Sludge 10, Manufacturing Sludge 20, Designated Sludge (Lead 31, Copper 32, Arsenic 33, Mercury 34, Cadmium 35, Hexavalent Chromium 36, Cyanide 37, Organic Phosphorus 38, Tetrachloroethylene 39, Trichloroethylene 40, Other Toxic Substances Notified by the Minister of Environment 41)]

Other items: The code No. of transportation/disposal business (10) shall be given in the additional fill-out guidance of summary report on recycle of special waste.

REPORT FOR <input type="checkbox"/> SUSPENSION OF BUSINESS <input type="checkbox"/> TERMINATION OF BUSINESS] OF <input type="checkbox"/> DOMESTIC <input type="checkbox"/> SPECIAL] WASTE						Process Time 30 days (Landfill: 90 days)	
REPORTOR	1) Name of Business		2) Type of Business				
	3) Name (President)		4) Residence Registration No.				
	5) Address of Business		(Tel:)				
6) Location of Business Office							
7) Date of Construction Approval							
8) Type of Disposal Facility	9) Size (Capacity)	10) Date of Construction Approval	11) Starting Date of Use	12) Expected Date for Suspension (Termination) of Business	13) Case of Landfill Facility		
					Size of Landfill (m ²)	Amount of Landfill (t)	
Reason of Report							
I hereby report <input type="checkbox"/> Suspension of Business <input type="checkbox"/> Termination of Business] of Waste Disposal Facility, pursuant to Article 47.1 in the Law, and Article 67 in the Regulation of the Waste Management Law.							
Date : Reporter : (signature)							
To Regional Administrators of Environmental Administration							
Enclosure: 1 copy of Post-Management Management Plan of waste disposal facility (only for Landfill Facility)						Fee None	

This application form is processed as follows:

(back)



(Name of Concerning Office)

Document No. :

Date :

Reception :

Sender : (signature)

Title : Deposit Notification on Post-Management Fund of Waste Landfill Facility

Constructor	
Location of Landfill Facility	

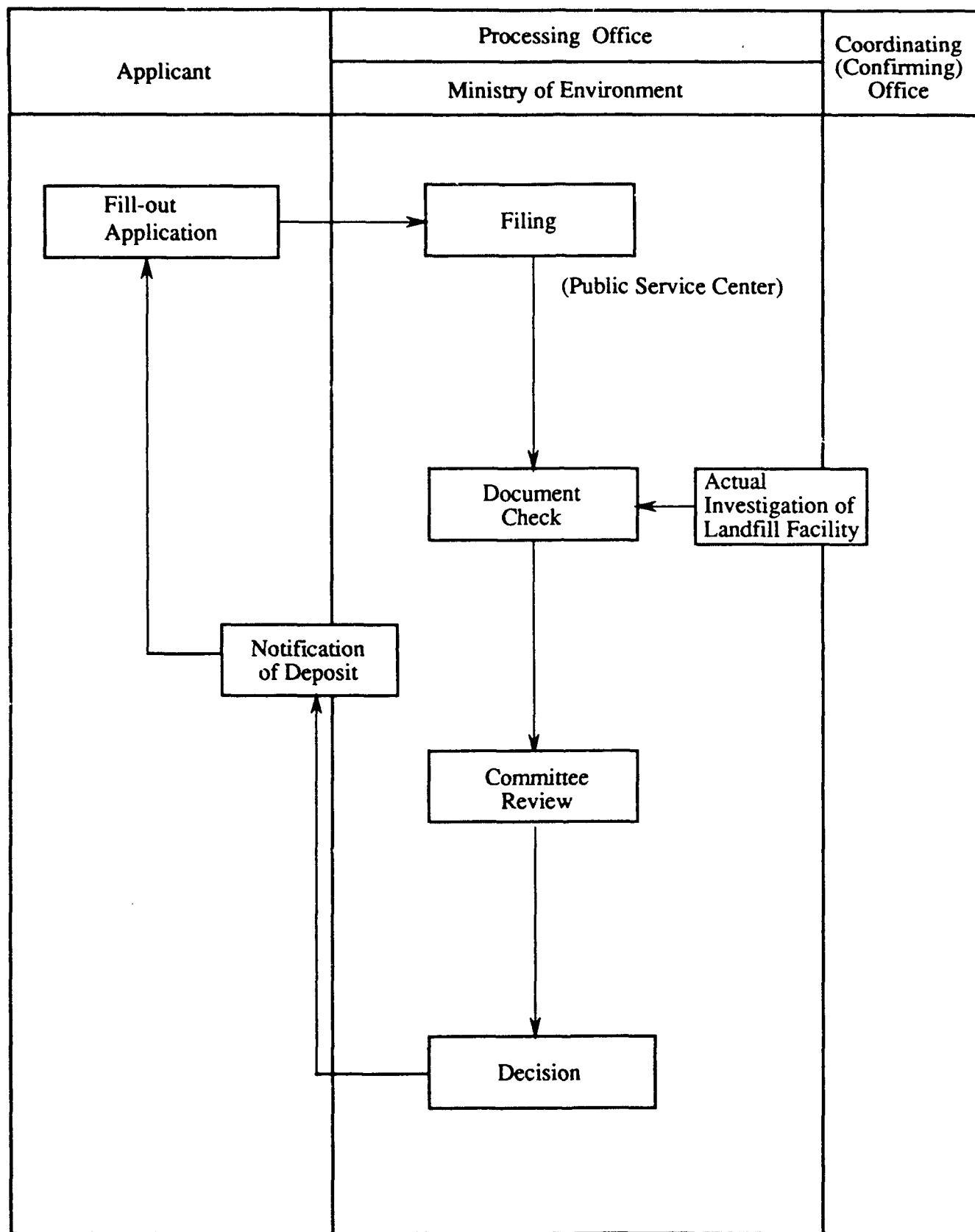
I hereby notify the deposit for the post-management fund to the above landfill facility,
pursuant to Article 29.1 of the Presidential Decree and Article 69 of the Regulation in
the Waste Management Law.

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REPORT ON EXPENSE DETAIL FOR POST-MANAGEMENT OF WASTE LANDFILL FACILITY				Process Time 30 days
REPORTOR	1) Name of Business	(Tel:)		
	2) Name (President)		3) Residence Registration No.	
	4) Address of Business			
5) Location of Business Office				
6) Size of Landfill Facility	m^2	7) Capacity of Landfill Facility	t	
8) (Expected) Starting Date of Landfill Facility	. . .	9) (Expected) Finishing Date of Landfill Facility	. . .	
10) Expense for Post-Management				
<p>I hereby report the expense for post-management of waste landfill facility, pursuant to Article 29.2 of the Presidential Decree, and Article 70 of the Regulation in the Waste Management Law.</p> <p style="text-align: right; margin-right: 100px;">Date : . . .</p> <p style="text-align: right; margin-right: 100px;">Reporter : (signature)</p> <p style="margin-top: 50px;">To Minister of Environment</p>				
Enclosure:				Fee None
1. 1 copy of Calculated Details classified by detailed items of expenses required for post-management by year 2. 1 copy of Deposit Details of Pre-Deposit (only for people who reserve post-management deposit in advance)				

This application form is processed as follows:

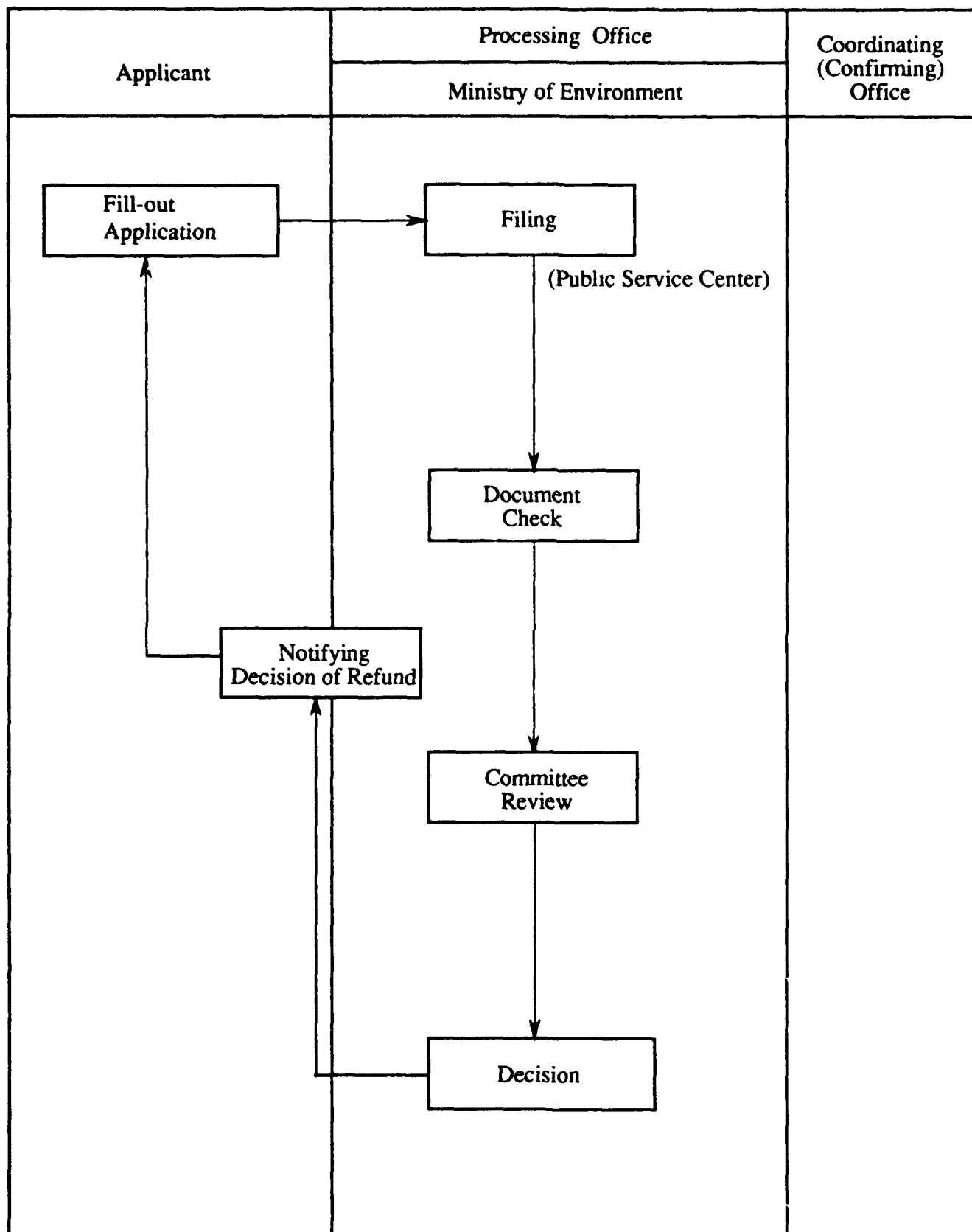
(back)



				Process Time
				30 days
APPLICATION FOR REFUND CLAIM OF POST-MANAGEMENT DEPOSIT				
REPORTOR	1) Name of Business	(Tel:)		
	2) Name (President)		3) Residence Registration No.	
	4) Address of Business			
5) Location of Business Office				
6) (Expected) Starting Date of Post-Management on landfill Facility			7) (Expected) Finishing Date of Post-Management Landfill Facility	
8) Expense for Refund of Deposit of Post-Management				
<p>I hereby apply for return of deposit for post-management of waste landfill facility, pursuant to Article 35.1 of the Presidential Decree, and Article 72 of the Regulation in the Waste Management Law.</p> <p style="text-align: right;">Date :</p> <p style="text-align: right;">Applicant : (signature)</p> <p>To Minister of Environment</p>				
Enclosure: 1 copy of Expenditure Details of Post-Management Deposit				Fee
				None

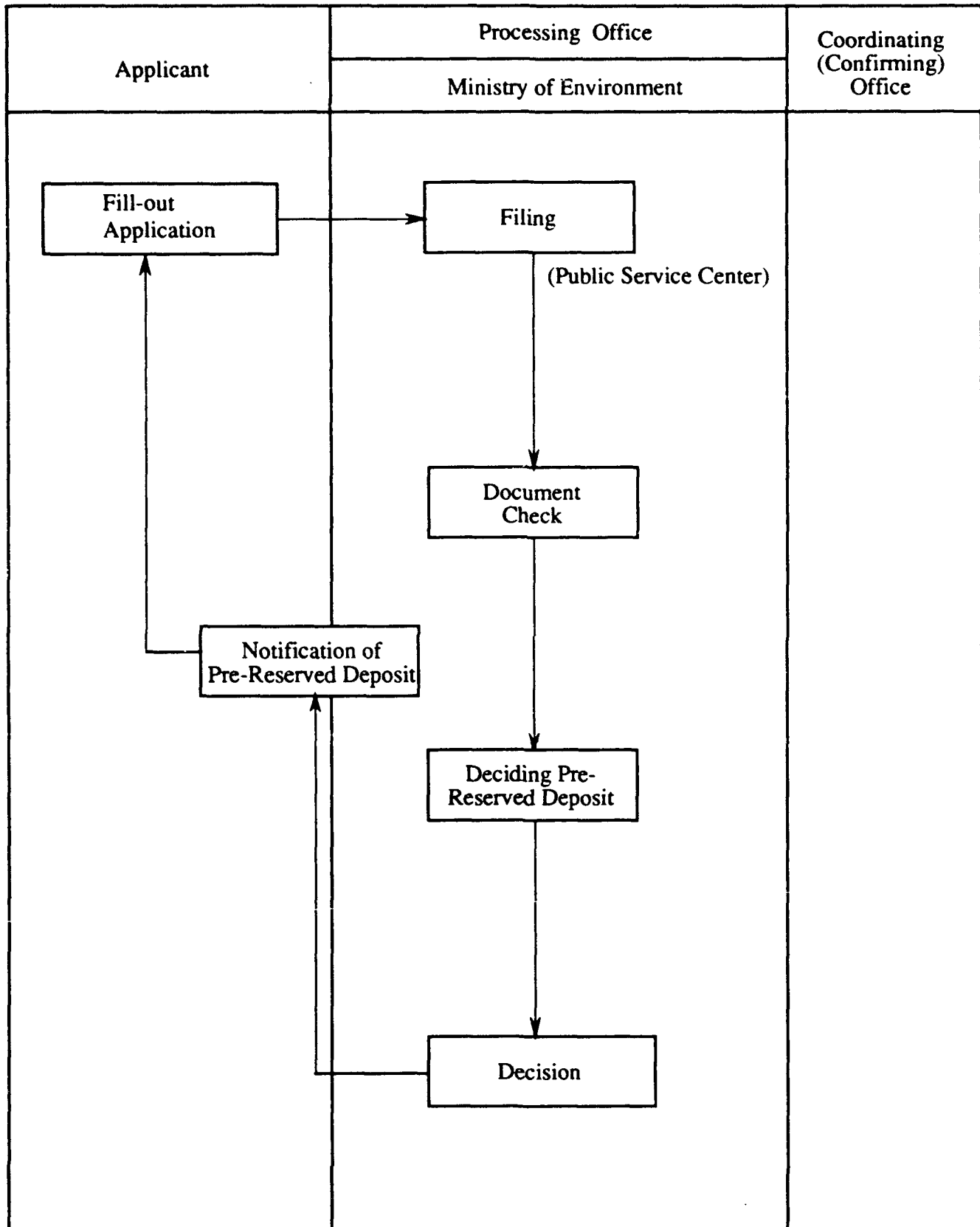
This application form is processed as follows:

(back)



PAYMENT PLAN FOR PRE-RESERVED DEPOSIT				Process Time 15 days
REPORTOR	1) Name of Business	(Tel: _____)		
	2) Name (President)	3) Residence Registration No.		
	4) Address of Business			
5) Location of Business Office				
6) Expense for Post-Management		7) Expected Annual Payment Amount		
8) First Payment Date for Pre-Reserved Deposit				
<p>I hereby report the payment plan of pre-reserved deposit for post-management of waste landfill facility, pursuant to Article 36.2 of the Presidential Decree, and Article 74 of the Regulation in the Waste Management Law.</p> <p style="text-align: right; margin-right: 100px;">Date :</p> <p style="text-align: right; margin-right: 100px;">Reporter : (signature)</p> <p style="margin-top: 50px;">To Minister of Environment</p>				
Enclosure: 1 copy of Calculated Details of Annual Estimated Expense for Post-Management and Deposit Plan				Fee None

This application form is processed as follows:



(Name of Concerning Office)

Document No. :

Date :

Reception :

Sender : (signature)

Title : Decision Notification of Land Use / Period for Land Use Restriction

APPROVAL ITEMS

Constructor	
Location of Landfill Facility	
Purpose of Use	
Period of Use	

I hereby approve the land use plan for waste landfill area, pursuant to Article 38.3 of the Presidential Decree and Article 78 of the Regulation in the Waste Management Law.

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Korean - English Glossary of Terms

KOREAN - ENGLISH GLOSSARY OF TERMS

(7)

가연성	Combustible
가용자원회수	Resource Recovery
개정	Amendment
건류식	Destructive Distillation
건물	Building
건설부 장관	Minister of Construction
건조시설	Drying Facility
건축 주인	Builder
결격 사유	Disqualification
결재	Decision
경제기획원	Economic Planning Board
계약금액	Contract Amount
고온열분해	High Temperature Destruction
고형화	Solidification
공공 주택단지	Public Residential Area
공공 처리시설	Public Disposal Facility
공단	Industrial Complex
공보	Offical Bulletin
공업	Industry
공원	Park
공정도	Manufacturing Process
공포	Promulgation
관리인	Manager
관보	Offical Gazette
광장	Square
광재 / 분진	Slag
교통부 장관	Minister of Transportation
구청장	Ward Head
국립환경연구원	National Environmental Research Institute
국민보건	Public Health
국세	National Tax
국세채납처분	Disposition of National Taxes in Arrears
규격	Size (Capacity)
규모	Size (Scale)
규칙	Regulations
군수	County Head
군수품관리법	Munitions Management Law
금치산자	Incompetent
기능점검	Function Check

기매립량	Amount Already Landfilled
기사	Engineer
기술관리인	Technical Manager
기술능력	Technical Ability
기술사	High Developed Technician

(ㄴ)

내구성	Durability
내수성	Water-Resistance
내역서	Details
내연성	Heat-Resistance
녹지	Green Belt
농림수산부 장관	Minister of Agriculture and Fisheries
농어촌발전 특별조치법 시행령	Presidential Decree for the Special Measure Law of Agriculture and Fisheries Development

(ㄷ)

대기오염	Air Pollution
대기오염물질	Air Pollutant
대기환경보전법	Air Environmental Preservation Law
대여	Rent / Lease
대통령령	Presidential Decree
도로	Road
도지사	Governor / Governor of Province
도자기 편류	Pieces of Pottery
동물성 잔재물	Animal Waste
등록	Registration
등록증	Certificate of Registration

(ㄹ)

매립	Landfill / Reclamation
매립 가능량	(Potential) Amount Landfilled
매립시설	Landfill Facility
무기물	Inorganics
문화유적지	Cultral Properties Area
문화재보호법	Cultral Properties Protection Law
민법	Civil Law
민원실	Public Service Center

(나)

반응시설	Reaction Facility
반환예치금	Returning Deposit
발송 (통보)	Return (Notification)
발신	Sender
발주처	Name of Ordering Business
방류수	Effluent
방사성물질	Radioactive Substance
방지시설	Preventive Facility
배출	Generation / Discharge
배출시설	Discharging Facility
배출업자	Generator / Discharger
배출허용기준	Discharge Permission Standard
법인정관	Bylaw of Corporation
변경	Modification / Change
변경 허가	Permit for Change
별도 작성 지침	Additional Fill-out Guidance
보관시설	Storage Facility
복토	Covering Up
부가가치세법	Value-Added Tax Law
부지	Area of Site
부칙	Addenda
부패	Septic
분뇨	Excreta
분류번호	Classification No.
분리	Separation
분진	Slag-Dust
분해	Decomposition
불연성	Non-Combustible
비고	Remarks
비료화	Fertilization
비송사건절차법	Voluntary Matters Proceedings Acts

(다)

사료화	Feeding
사무실 면적	Office Area
사업자	Businessman
사업자 등록번호	Business Registration No.
사업장 소재지	Location of Business Office
사업주	Business Owner
사용개시일	Starting date of Use

사용신고 면적	Reported Area of Use
사후관리 예치금	Post-Management Deposit
산림	Forest
산화	Oxidation
살수여상방법	Trickling Filter Process
상공부 장관	Minister of Commerce and Industry
상수도	Water System
상업	Commercial
상호 칭)	Name of Business
생 산소요구량	Biological Oxygen Demand (BOD)
생	Manufacturing Process
생산	Production Cost
생산량	Amount Produced
생활환경	Human Environment
서류검사	Document Check
서울특별시장	Mayor of Special City of Seoul
설계도	Design Drawings
설계.시공업	Design / Construction Business (Service)
설비	Equipment
설치	Construction
설치승인 면적	Approved Area of Construction
설치승인 일자	Approved Date of Construction
설치자	Constructor
성명 (대표자)	Name (President)
성상	Constituents
소각	Incineration
소각 잔재물	Incineration Residual
소각로	Incineration Chamber
소유자	Owner
소재지	Location of Business
수도법	Water Supply Law
수득율	Yield (%)
수산물가공 잔재물	Seafood Process Waste
수수료	Fee
수신	Receiver
수입인지	Stamp of National Government
수입제한	Import Restriction (Limit)
수입증지	Stamp of Local Government
수질오염	Water Pollution
수질오염물질	Water Pollutant
수질환경보전법	Water Environmental Preservation Law
수질환경보전법 시행령	Presidential Decree for the Water Environmental Preservation Law
수집	Collection
수집.운반업	Collection / Transportation Business (Service)

수탁량	Amount Entrusted
승인	Approval
쓰레기	Refuse
시공 감리자	Construction Monitor
시공자	Contractor of Construction (Constructor)
시멘트 고형화	Cement Solidification
시설	Facility
시설검사	Facility Inspection
시장	Mayor
시행령	Presidential Decree (Enforcement Decree)
식품위생법	Food Sanitation Law
신고	Report
신고번호	Report No.
신고인	Reporter
신원증명서	Identification Certificate (ID, Affidavit)
신청인	Applicant
실험실 면적	Size of Laboratory (Lab Area)

(○)

아황산가스	Sulfur-Dioxide
안정화	Stabilization
안정화시설	Stabilization Facility
압축시설	Compaction Facility
여과	Filtration
업종	Type of Business
연료화	Refuse Derived Fuel (RDF)
연소실	Combustion Chamber
열경화성	Thermosetting Property
염화수소	Hydro-Chloride
영업구역	Region of Business (Business Area)
예치금	Deposit
예치금 반환 청구서	Application for Returning Deposit
오니	Sludge
오물 투기	Open Waste Dumping
완공일	Date of Completion
용도	Usage (Use)
용융	Melting
용출시험	Extraction Potential (EP) Test
운반	Transportation
운반 실적	Transportation Record
운반업	Transportation Business (Service)
위생	Sanitary

위임 / 위탁	Consignment / Trust
위탁업소	Consigned Contractor (Trust Business)
위탁처리	Trust Disposal
유기물	Organics
유독물	Toxic Substance
유수분리	Oil and Water Separation
유지관리	Operation and Maintenance (Management)
유해화학물질 관리법	Hazardous Chemical Substance Management Law
육류가공 잔재물	Meat Process Waste
응집	Condensation
의료 잔재물	Medical Waste
일반폐기물	Domestic Waste
일반폐기물처리업	Domestic Waste Disposal Business (Service)
일반폐기물처리업자	Domestic Waste Disposal Contractor (Handler of Domestic Waste Disposal)

(스)

자가매립	Self-Landfill
자동차 관리법	Automobile Management Law
자본금	Capital Stock
자연환경	Natural Environment
잔해물	Residual
장비	Equipment
재	Ash
재개업	Reopening Business
재교부	Reissue
재벌구이	Secondary Bake
재생분류	Recycle by Separation
재생제품명	Name of Recycled Products
재활용	Recycle (Reuse)
재활용 공정도	Recycling Process
재활용 폐기물	Recycling Waste
적재장소	Location of Loading
점유자	Occupant
접수	Filing
정산서	Statement of Accounts
정제방법	Refining Method
정제시설	Refining Facility
제조공정	Manufacturing Process
조례	Regulation (Ordinance)
조치	Measures (Action)
주거	Residence
주민등록번호	Residence Registration No.

주세법 시행령	Enforcement Ordinance of the Liquor Tax
주소 (사업장)	Address of Business
준공검사	Inspection of Completion
중간처리	Intermediate Disposal
중기관리법	Heavy Machinery Management Law
중앙행정기관	National Government Agency
중화	Neutralization
중합	Polymerization
증류	Distillation
증발·농축	Graduation
지가 공시	Public Announcement of Land Value
지도 / 감리	Guidance / Supervision
지방세	Local Tax
지방자치단체	Local Government
지방자치법	Local Government Act
지방자치제	Municipality
지방환경청장	Regional Administrator of Environmental Administration
지하수 검사정	Ground Water Monitoring Well
직할시장	Mayor of City under Direct Control of National Government
질소산화물	Nitrogen Oxide
징역	Imprisonment

(츠)

착공일	Starting Date of Construction
첨부서류	Enclosure
처리	Disposal (Treatment)
처리기간 (서류)	Process Time
처리기관 (서류)	Processing Office
처리기준	Disposal Standard
처리방법	Disposal Method
처리시설	Disposal Facility
처리업	Disposal Business (Service)
처리업자	Disposal Contractor (Disposer)
총리령	Prime Minister Order
최종처리	Final Disposal
추출	Extraction
축합	Condensation
측정대행	Measurement Agent
측정대행 계약서	Contract of Measurement Execution by Proxy
침전	Sedimentation
침전조	Settling Tank
침출수	Leachate

(E)

탈수	Dehydration (Dewatering)
탈수시설	Dewatering Facility
토목기사	Civil Engineer
토지	Land
토지수용법	Compulsory Purchase of Land Law
퇴비화	Composting
투입	Deposit (Intake)
특별청소구역	Specially Clean Area
특정대기 유해물질	Special Air Hazardous Substances
특정수질 유해물질	Special Water Hazardous Substances
특정 유독물	Special Toxic Substances
특정유해물질	Special Hazardous Substances
특정폐기물	Special Waste

(F)

파쇄	Shredding
판매	Sale
폐고무	Waste Rubber
폐기물	Waste
폐기물 관리기금	Waste Management Fund
폐기물 관리법	Waste Management Law
폐기물 관리위원회	Waste Management Committee
폐기물 투기	Open Dumping
폐기물 처리분과위원회	Sectional Committee for Waste Disposal
폐기물 처리사업법	Waste Treatment Service Law
폐내화물	Waste Fire Resistant Material
폐농약	Waste Agricultural Chemicals
폐락카	Waste Lacquer
폐사	Waste Sand
폐산 / 알카리	Waste Acid / Alkali
폐석고	Waste Plaster
폐석면	Waste Asbestos
폐석회	Waste Lime
폐유	Waste Oil
폐유기용제	Waste Organic Solvents
폐주물사	Waste Molding Sand
폐지	Abrogation
폐지	Waste Papers
폐촉매	Waste Catalysts
페페인트	Waste Paint

폐합성고무	Waste Synthetic Rubber
폐합성 고분자화합물	Waste Synthetic High Polymers
폐합성 수지	Waste Synthetic Resins
폐합성 피혁	Waste Synthetic Leather
폐합성 섬유	Waste Synthetic Fiber
폐흡수제	Waste Absorbent
폐흡착제	Waste Inhalant
폴리클로리네이티드비페닐	Polychlorinatedbiphenyl (PCB)
피혁가공 잔재물	Tannery Waste

(8)

하수도	Sewer System
하수도법	Sewer System Law
하천	River
한국공업규격	Korean Industrial Standards
한국자원재생공사	Korean Resources Recycling Corporation
한국표준산업분류	Korean Standards of Industrial Classification
한정치산자	Quasi-Incompetent
할로겐족 / 비할로겐족	Halogen Family / Non-Halogen Family
항만	Harbor
해수욕장	Public Beach
해역 방출	Discharge into Ocean
행정대집행법	Law of Administrative Execution by Proxy
행정처분	Administrative Measures
허가	Permit (Permission)
협의(확인)기관	Coordinating (Confirming) Office
호수	Lake
화공기사	Chemical Engineer
환경	Environment
환경관리공단	Environmental Management Corporation
환경관리공단법 시행령	Presidential Decree for the Environmental Management Corporation Law
환경기사	Environmental Engineer
환경보전법	Environmental Preservation Law
환경보전협회	Environmental Preservation Association
환경정책 기본법	Environmental Policy Fundamental Law
환경처	Ministry of Environment
환경처 장관	Minister of Environment
환원	Reduction
회수	Recollection
휴업	Suspension of Buiness

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English - Korean Glossary of Terms

ENGLISH - KOREAN GLOSSARY OF TERMS

(A)

Abrogation	폐지
Addenda	부칙
Additional Fill-out Guidance	별도 작성 지침
Address of Business	주소 (사업장)
Administrative Measures	행정처분
Air Environmental Preservation Law	대기환경보전법
Air Pollutant	대기오염물질
Air Pollution	대기오염
Amendment	개정
Amount Already Landfilled	기매립량
Amount Entrusted	수탁량
Amount (Potential) Landfilled	매립 가능량
Amount Produced	생산량
Animal Waste	동물성 잔재물
Applicant	신청인
Application for Returning Deposit	예치금 반환 청구서
Approval	승인
Approved Area of Construction	설치승인 면적
Approved Date of Construction	설치승인 일자
Area of Site	부지
Ash	재
Automobile Management Law	자동차 관리법

(B)

Biological Oxygen Demand (BOD)	생물학적 산소요구량
Builder	건축 주인
Building	건물
Business Owner	사업주
Business Registration No.	사업자 등록번호
Businessman	사업자
Bylaw of Corporation	법인 정관

(C)

Capital Stock	자본금
Cement Solidification	시멘트 고형화
Certificate of Registration	등록증
Chemical Engineer	화공기사

Civil Engineer
 Civil Law
 Classification No.
 Collection
 Collection / Transportation Business (Service)
 Combustible
 Combustion Chamber
 Commercial
 Composting
 Compaction Facility
 Compulsory Purchase of Land Law
 Condensation
 Consigned Contractor (Trust Business)
 Consignment / Trust
 Constituents
 Construction
 Construction Monitor
 Constructor
 Contract Amount
 Contract of Measurement Execution by Proxy
 Contractor of Construction (Constructor)
 Coordinating (Confirming) Office
 County Head
 Covering Up
 Cultral Properties Area
 Cultral Properties Protection Law

(D)

Date of Completion
 Decision
 Decomposition
 Dehydration (Dewatering)
 Deposit
 Deposit (Intake)
 Design Drawings
 Design / Construction Business (Service)
 Destructive Distillation
 Details
 Dewatering Facility
 Discharge into Ocean
 Discharge Permission Standard
 Discharging Facility
 Disposal (Treatment)

토목기사
 민법
 분류번호
 수집
 수집.운반업
 가연성
 연소실
 상업
 퇴비화
 압축시설
 토지수용법
 응집 / 축합
 위탁업소
 위임 / 위탁
 성상
 설치
 시공 감리자
 설치자
 계약금액
 측정대행 계약서
 시공자
 협의(확인)기관
 군수
 복토
 문화유적지
 문화재보호법

완공일
 결재
 분해
 탈수
 예치금
 투입
 설계도
 설계.시공업
 건류식
 내역서
 탈수시설
 해역 방출
 배출허용기준
 배출시설
 처리

Disposal Business (Service)
 Disposal Contractor (Disposer)
 Disposal Facility
 Disposal Method
 Disposal Standard
 Disposition of National Taxes in Arrears
 Disqualification
 Distillation
 Document Check
 Domestic Waste
 Domestic Waste Disposal Business (Service)
 Domestic Waste Disposal Contractor (Handler)
 Drying Facility
 Durability

처리업
 처리업자
 처리시설
 처리방법
 처리기준
 국세채납처분
 결격 사유
 증류
 서류검사
 일반폐기물
 일반폐기물처리업
 일반폐기물처리업자
 건조시설
 내구성

(E)

Economic Planning Board
 Effluent
 Enclosure
 Enforcement Ordinance of the Liquor Tax
 Engineer
 Environment
 Environmental Engineer
 Environmental Management Corporation
 Environmental Policy Fundamental Law
 Environmental Preservation Association
 Environmental Preservation Law
 Equipment
 Excreta
 Extraction
 Extraction Potential (EP) Test

경제기획원
 방류수
 첨부서류
 주세법 시행령
 기사
 환경
 환경기사
 환경관리공단
 환경정책 기본법
 환경보전협회
 환경보전법
 설비 / 장비
 분뇨
 추출
 용출시험

(F)

Facility
 Facility Inspection
 Fee
 Feeding
 Fertilization
 Filing
 Filtration
 Final Disposal
 Food Sanitation Law

시설
 시설검사
 수수료
 사료화
 비료화
 접수
 여과
 최종처리
 식품위생법

Forest
Function Check

산림
기능점검

(G)

Generation / Discharge
Generator / Discharge
Governor / Governor of Province
Graduation
Green Belt
Ground Water Monitoring Well
Guidance / Supervision

배출
배출업자
도지사
증발. 농축
녹지
지하수 검사정
지도 / 감리

(H)

Halogen Family / Non-Halogen Family
Harbor
Hazardous Chemical Substance Management Law
Heat-Resistance
Heavy Machinery Management Law
High Developed Technician
High Temperature Destruction
Human Environment
Hydro-Chloride

할로젠족 비할로젠족
항만
유해화학물질 관리법
내연성
중기관리법
기술사
고온열분해
생활환경
염화수소

(I)

Identification Certificate (ID, Affidavit)
Import Restriction (Limit)
Imprisonment
Incineration
Incineration Chamber
Incineration Residual
Incompetent
Industrial Complex
Industry
Inorganics
Inspection of Completion
Intermediate Disposal

신원증명서
수입제한
징역
소각
소각로
소각 잔재물
금치산자
공단
공업
무기물
준공검사
중간처리

(J)

(K)

Korean Industrial Standards
Korean Resources Recycling Corporation
Korean Standards of Industrial Classification

한국공업규격
한국자원재생공사
한국표준산업분류

(L)

Lake
Land
Landfill / Reclamation
Landfill Facility
Law of Administrative Execution by Proxy
Leachate
Local Government
Local Government Act
Local Tax
Location of Business
Location of Business Office
Location of Loading

호수
토지
매립
매립시설
행정대집행법
침출수
지방자치단체
지방자치법
지방세
소재지
사업장 소재지
적재장소

(M)

Manager
Manufacturing Process
Mayor
Mayor of City under Direct Control of National Government
Mayor of Special City of Seoul
Measurement Agent
Measures / Action
Meat Process Waste
Medical Waste
Melting
Minister of Agriculture and Fisheries
Minister of Commerce and Industry
Minister of Construction
Minister of Environment
Minister of Transportation
Ministry of Environment
Modification / Change
Municipality
Munitions Management Law

관리인
공정도 / 생산공정 / 제조공정
시장
직할시장
서울특별시장
측정대행
조치
육류가공 잔재물
의료 잔재물
용융
농림수산부 장관
상공부 장관
건설부 장관
환경처 장관
교통부 장관
환경처
변경
지방자치제
군수품관리법

(N)

Name (President)	성명 (대표자)
Name of Business	상호 (명칭)
Name of Ordering Business	발주처
Name of Recycled Products	재생제품명
National Environmental Research Institute	국립환경연구원
National Government Agency	중앙행정기관
National Tax	국세
Natural Environment	자연환경
Neutralization	중화
Nitrogen Oxide	질소산화물
Non-Combustible	불연성

(O)

Occupant	점유자
Offical Bulletin	공보
Offical Gazette	관보
Office Area	사무실 면적
Oil and Water Separation	유수분리
Open Dumping	폐기물/오물 투기
Operation and Maintenance (Management)	유지관리
Organics	유기물
Owner	소유자
Oxidation	산화

(P)

Park	공원
Permit (Permission)	허가
Permit for Change	변경 허가
Pieces of Pottery	도자기 편류
Polychlorinatedbiphenyl (PCB)	폴리클로리네이티드비페닐
Polymerization	중합
Post-Management Deposit	사후관리 예치금
Presidential Decree	대통령령
Presidential Decree for the Environmental Management Corporation Law	환경관리공단법 시행령
Presidential Decree for the Special Measure Law of Agriculture and Fisheries Development	농어촌발전 특별조치법 시행령
Presidential Decree for the Water Environmental Preservation Law	수질환경보전법 시행령
Preventive Facility	방지시설

Prime Minister Order
 Process Time
 Processing Office
 Production Cost
 Promulgation
 Public Announcement of Land Value
 Public Beach
 Public Disposal Facility
 Public Health
 Public Residential Area
 Public Service Center

총리령
 처리기간 (서류)
 처리기관 (서류)
 생산금액
 공포
 지가 공시
 해수욕장
 공공 처리시설
 국민보건
 공공 주택단지
 민원실

(Q)

Quasi-Incompetent

한정치산자

(R)

Radioactive Substance
 Reaction Facility
 Receiver
 Recollection
 Recycle (Reuse)
 Recycle by Separation
 Recycling Process
 Recycling Waste
 Reduction
 Refining Facility
 Refining Method
 Refuse
 Refuse Derived Fuel (RDF)
 Region of Business (Business Area)
 Regional Administrator of Environmental Administration
 Registration
 Regulation (Ordinance)
 Regulations
 Reissue
 Remarks
 Rent / Lease
 Reopening Business
 Report
 Report No.
 Reported Area of Use
 Reporter

방사성물질
 반응시설
 수신
 회수
 재활용
 재생분류
 재활용 공정도
 재활용 폐기물
 환원
 정제시설
 정제방법
 쓰레기
 연료화
 영업구역
 지방환경청장
 등록
 조례
 규칙
 재교부
 비고
 대여
 재개업
 신고
 신고번호
 사용신고 면적
 신고인

Residence
 Residence Registration No.
 Residual
 Resource Recovery
 Return (Notification)
 Returning Deposit
 River
 Road

주거
 주민등록번호
 잔해물
 가용자원회수
 발송 (통보)
 반환예치금
 하천
 도로

(S)

Sale
 Sanitary
 Seafood Process Waste
 Secondary Bake
 Sectional Committee for Waste Disposal
 Sedimentation
 Self-Landfill
 Sender
 Separation
 Septic
 Settling Tank
 Sewer System
 Sewer System Law
 Shredding
 Size (Capacity)
 Size (Scale)
 Size of Laboratory (Lab Area)
 Slag
 Slag-Dust
 Sludge
 Solidification
 Special Air Hazardous Substances
 Special Hazardous Substances
 Special Toxic Substances
 Special Waste
 Special Water Hazardous Substances
 Specially Clean Area
 Square
 Stabilization
 Stabilization Facility
 Stamp of Local Government
 Stamp of National Government
 Starting Date of Construction

판매
 위생
 수산물가공 잔재물
 재벌구이
 폐기물 처리분과위원회
 침전
 자가매립
 발신
 분리
 부패
 침전조
 하수도
 하수도법
 파쇄
 규격
 규모
 실험실 면적
 광재.분진
 분진
 오니
 고형화
 특정대기 유해물질
 특정유해물질
 특정 유독물
 특정폐기물
 특정수질 유해물질
 특별청소구역
 광장
 안정화
 안정화시설
 수입증지
 수입인지
 착공일

Starting date of Use
Statement of Accounts
Storage Facility
Sulfur-Dioxide
Suspension of Business

사용개시일
정산서
보관시설
아황산가스
휴업

(T)

Tannery Waste
Technical Ability
Technical Manager
Thermosetting Property
Toxic Substance
Transportation
Transportation Business (Service)
Transportation Record
Trickling Filter Process
Trust Disposal
Type of Business

피혁가공 잔재물
기술능력
기술관리인
열경화성
유독물
운반
운반업
운반 실적
살수여상방법
위탁처리
업종

(U)

Usage (Use)

용도

(V)

Value-Added Tax Law
Voluntary Matters Proceedings Acts

부가가치세법
비송사건절차법

(W)

Ward Head
Waste
Waste Absorbent
Waste Acid / Alkali
Waste Agricultural Chemicals
Waste Asbestos
Waste Catalyzers
Waste Fire Resistant Material
Waste Inhalant
Waste Lacquer
Waste Lime
Waste Management Committee
Waste Management Fund

구청장
폐기물
폐흡수제
폐산 / 알칼리
폐농약
폐석면
폐촉매
폐내화물
폐흡착제
폐락카
폐석회
폐기물 관리위원회
폐기물 관리기금

Waste Management Law
 Waste Molding Sand
 Waste Oil
 Waste Organic Solvents
 Waste Paint
 Waste Papers
 Waste Plaster
 Waste Rubber
 Waste Sand
 Waste Synthetic Fiber
 Waste Synthetic High Polymers
 Waste Synthetic Leather
 Waste Synthetic Resins
 Waste Synthetic Rubber
 Waste Treatment Service Law
 Water Environmental Preservation Law
 Water Pollutant
 Water Pollution
 Water Supply Law
 Water System
 Water-Resistance

(Y)

Yield (x)

폐기물 관리법
 폐주물사
 폐유
 폐유기용제
 폐페인트
 폐지
 폐석고
 폐고무
 폐사
 폐합성 섬유
 폐합성 고분자화합물
 폐합성 피혁
 폐합성 수지
 폐합성고무
 폐기물 처리사업법
 수질환경보전법
 수질오염물질
 수질오염
 수도법
 상수도
 내수성

수득율

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